SAMSUNG

SM-T520

User Manual

www.samsung.com

About this manual

This device provides high quality mobile communication and entertainment using Samsung's high standards and technological expertise. This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Images and screenshots may differ in appearance from the actual product.
- Content may differ from the final product, or from software provided by service providers or carriers, and is subject to change without prior notice. For the latest version of the manual, refer to the Samsung website, *www.samsung.com*.
- Content (high quality content) that requires high CPU and RAM usage will affect the overall performance of the device. Applications related to the content may not work properly depending on the device's specifications and the environment that it is used in.
- Available features and additional services may vary by device, software, or service provider.
- Applications and their functions may vary by country, region, or hardware specifications. Samsung is not liable for performance issues caused by applications from any provider other than Samsung.
- Samsung is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customize the operating system may cause the device or applications to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.

- Default applications that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an application provided with the device, contact a Samsung Service Centre. For user-installed applications, contact service providers.
- Modifying the device's operating system or installing softwares from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your Samsung licence agreement and will void your warranty.

Instructional icons

Warning: situations that could cause injury to yourself or others

Caution: situations that could cause damage to your device or other equipment

Note: notes, usage tips, or additional information

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IC Notice

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

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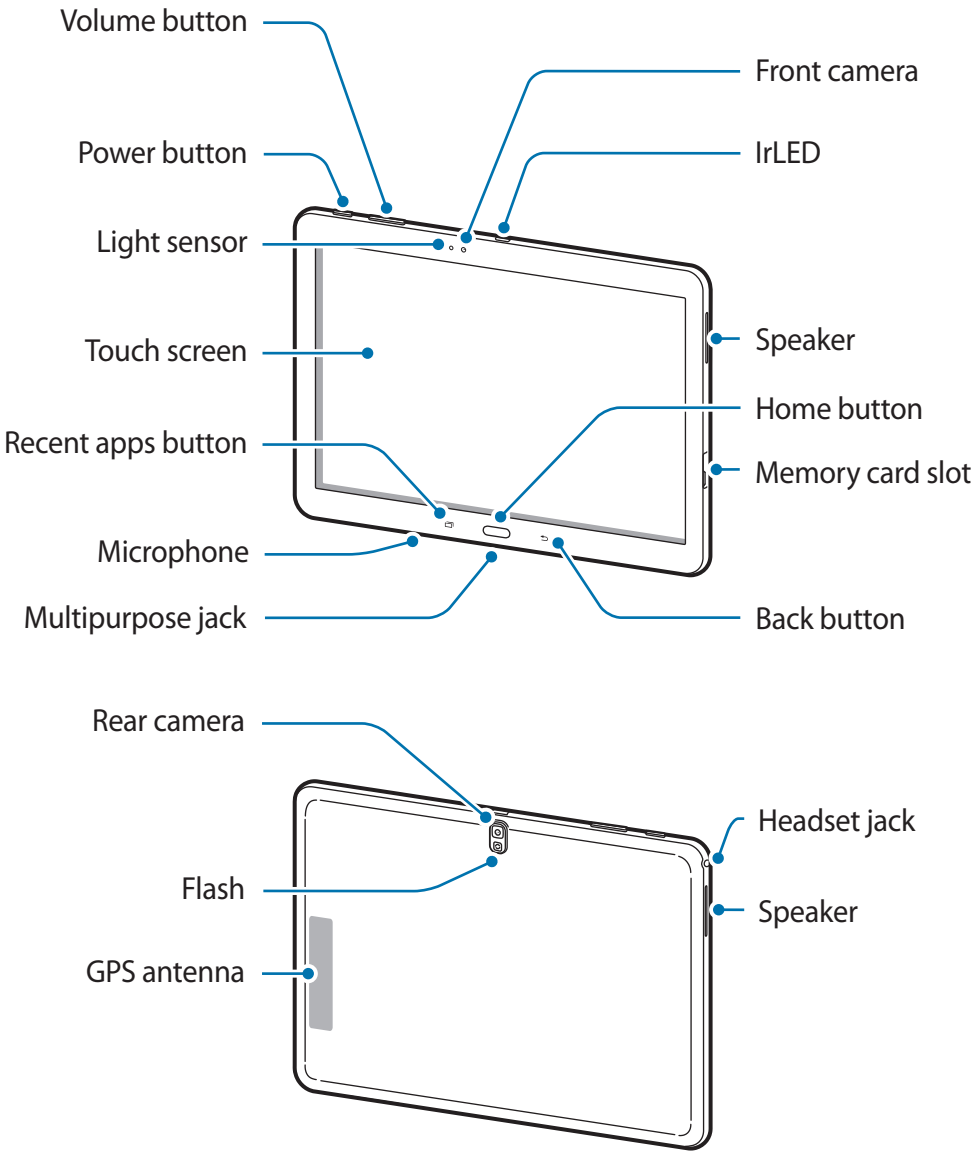
Getting started

Device layout



- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.
- Do not use a screen protector. This causes sensor malfunctions.
- Do not allow water to contact the touch screen. The touch screen may malfunction in humid conditions or when exposed to water.

Buttons

Button	Function
Power	• Press and hold to turn the device on or off. • Press and hold for more than 7 seconds to reset the device if it has fatal errors or hang-ups, or freezes. • Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off.
Recent apps	• Tap to open the list of recent applications.
Home	• Press to return to the Home screen. • Press and hold on the Home screen to launch Google search.
Back	• Tap to return to the previous screen.
Volume	• Press to adjust the device volume.

Package contents

Check the product box for the following items:

- Device
- Quick start guide
- Charger

- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local Samsung retailer. Make sure they are compatible with the device before purchase.
- Other accessories may not be compatible with your device.
- Use only Samsung-approved accessories. Malfunctions caused by using unapproved accessories are not covered by the warranty service.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Samsung website.

Charging the battery

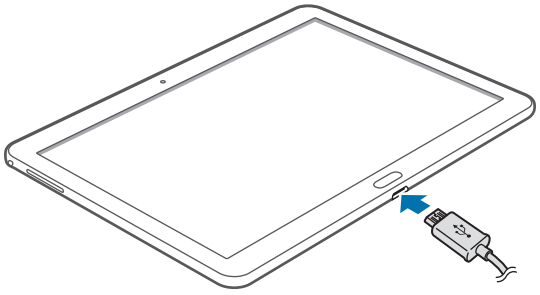
Use the charger to charge the battery before using it for the first time.

Use only Samsung-approved chargers, batteries, and cables. Unapproved chargers or cables can cause the battery to explode or damage the device.

- When the battery power is low, the battery icon appears empty.
- If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected. Allow a depleted battery to charge for a few minutes before turning on the device.
- If you use multiple applications at once, network applications, or applications that need a connection to another device, the battery will drain quickly. To avoid disconnecting from the network or losing power during a data transfer, always use these applications after fully charging the battery.

Charging with the charger

Connect the USB cable to the USB power adaptor and then plug the end of the USB cable into the multipurpose jack.



Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device receives an unstable power supply while charging, the touch screen may not function. If this happens, unplug the charger from the device.
- While charging, the device may heat up. This is normal and should not affect the device's lifespan or performance. If the battery gets hotter than usual, the charger may stop charging.
- If the device is not charging properly, take the device and the charger to a Samsung Service Centre.

After fully charging, disconnect the device from the charger. First unplug the charger from the device, and then unplug it from the electric socket.

To save energy, unplug the charger when not in use. The charger does not have a power switch, so you must unplug the charger from the electric socket when not in use to avoid wasting power. The charger should remain close to the electric socket and easily accessible while charging.

Checking the battery charge status

When you charge the battery while the device is off, the following icons will show the current battery charge status:

Charging

Fully charged

Reducing the battery consumption

Your device provides options that help you save battery power. By customizing these options and deactivating features in the background, you can use the device longer between charges:

- When you are not using the device, switch to sleep mode by pressing the Power button.
- Close unnecessary applications with the task manager.
- Deactivate the Bluetooth feature.
- Deactivate the Wi-Fi feature.
- Deactivate auto-syncing of applications.
- Decrease the backlight time.
- Decrease the brightness of the display.

Inserting a memory card

Your device accepts memory cards with maximum capacitiey of 64 GB. Depending on the memory card manufacturer and type, some memory cards may not be compatible with your device.

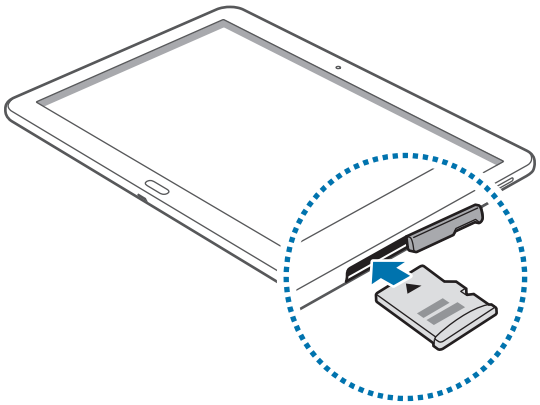
- Some memory cards may not be fully compatible with the device. Using an incompatible card may damage the device or the memory card, or corrupt the data stored in it.
- Use caution to insert the memory card right-side up.

- The device supports the FAT and the exFAT file systems for memory cards. When inserting a card formatted in a different file system, the device asks to reformat the memory card.
- Frequent writing and erasing of data shortens the lifespan of memory cards.
- When inserting a memory card into the device, the memory card's file directory appears in the **SD Memory card** folder.

1 Open the cover of the memory card slot.

2 Insert a memory card with the gold-coloured contacts facing downwards.

3 Push the memory card into the slot until it locks in place.



4 Close the cover of the memory card slot.

Removing the memory card

Before removing the memory card, first unmount it for safe removal. On the Home screen, tap → **Settings** → **General** → **Storage** → **Unmount SD card**.

1 Open the cover of the memory card slot.

2 Push the memory card until it disengages from the device, and then pull it out.

3 Close the cover of the memory card slot.

Do not remove the memory card while the device is transferring or accessing information. Doing so can cause data to be lost or corrupted or damage to the memory card or device. Samsung is not responsible for losses that result from the misuse of damaged memory cards, including the loss of data.

Formatting the memory card

A memory card formatted on a computer may not be compatible with the device. Format the memory card on the device.

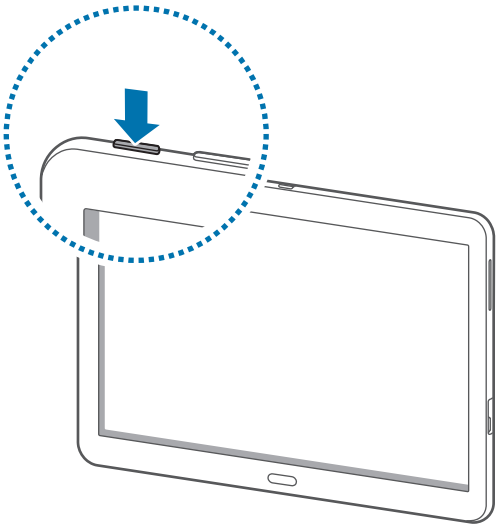
On the Home screen, tap → **Settings** → **General** → **Storage** → **Format SD card** → **Format SD card** → **Erase everything**.

Before formatting the memory card, remember to make backup copies of all important data stored on the device. The manufacturer's warranty does not cover loss of data resulting from user actions.

Turning the device on and off

When turning on the device for the first time, follow the on-screen instructions to set up your device.

Press and hold the Power button for a few seconds to turn on the device.



- Follow all posted warnings and directions from authorized personnel in areas where the use of wireless devices is restricted, such as airplanes and hospitals.
- Press and hold the Power button and tap **Flight mode** to disable the wireless features.

To turn off the device, press and hold the Power button, and then tap **Power off**.

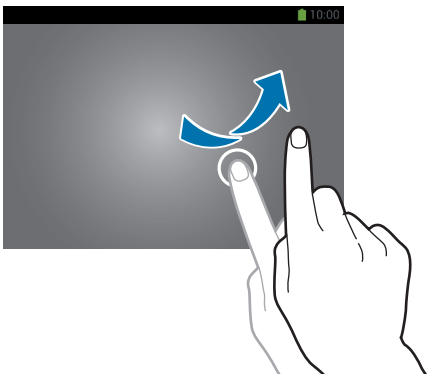
Holding the device

Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

Locking and unlocking the device

When not in use, lock the device to prevent unwanted operation. Pressing the Power button turns off the screen and puts the device into lock mode. The device automatically gets locked if it is not used for a specified period.

To unlock the device, press the Power button or the Home button and flick your finger in any direction within the unlock screen area at the right part of the screen.



Adjusting the volume

Press the Volume button left or right to adjust the sound volume when playing music or video.

Switching to silent mode

Use one of the following methods:

- Press and hold the Volume button down until it switches to silent mode.
- Press and hold the Power button, and then tap **Mute** or **Vibrate**.
- Open the notifications panel at the top of the screen, and then tap **Sound** or **Vibrate**.

Talkback

TalkBack is an Accessibility Service that helps blind and vision-impaired users interact with their devices more easily by adding spoken, audible, and vibration feedback. When activated, TalkBack will tell you what you just selected on your screen, letting you know what action was just performed.

On the Home screen, tap → **Settings** → **Device** → **Accessibility** → **Talkback** and drag the switch to the right to turn it on.

At the **Use Talkback** screen, tap **OK**.

At the **Enable Explore by Touch** screen, tap **OK** or **Cancel** (for more information on Explore by Touch, see below).

Explore by Touch

Explore by Touch is a feature within Talkback that tells you what you are touching on the screen before the action is completed.

On the Home screen, tap → **Settings** → **Device** → **Accessibility** → **Talkback** → **Settings** → **Explore by Touch.**

- As you drag your finger around on the screen or touch areas of the screen, the device announces the name of apps, widgets and settings that are encountered.
- To select the announced app, widget or setting, quickly double-tap anywhere on the screen.
- To scroll or switch screens, swipe or drag using two fingers.
- To unlock the lock screen, swipe across the screen with two fingers.

Basics

Indicator icons

The icons displayed at the top of the screen provide information about the status of the device. The icons listed in the table below are most common.

Icon	Meaning
	Wi-Fi connected
	Bluetooth feature activated
	GPS activated
	Smart screen feature activated
	Synced with the web
	Connected to computer
	Alarm activated
	Mute mode activated
	Vibration mode activated
	Flight mode activated
	Error occurred or caution required
	Battery power level

Using the touch screen

Use only fingers to use the touch screen.

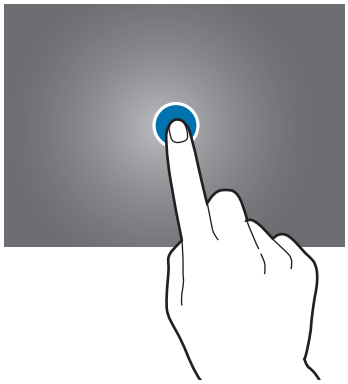
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- To avoid damaging the touch screen, do not tap it with anything sharp or apply excessive pressure to it with your fingertips.

- The device may not recognize touch inputs close to the edges of the screen, which are outside of the touch input area.
- Leaving the touch screen idle for extended periods may result in afterimages (screen burn-in) or ghosting. Turn off the touch screen when you do not use the device.

Finger gestures

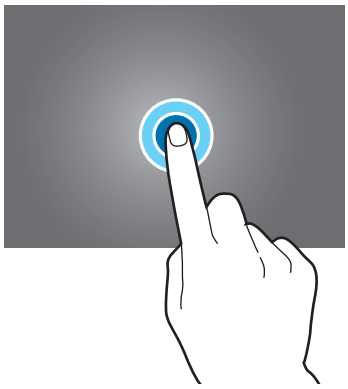
Tapping

To open an application, to select a menu item, to press an on-screen button, or to enter a character using the on-screen keyboard, tap it with a finger.



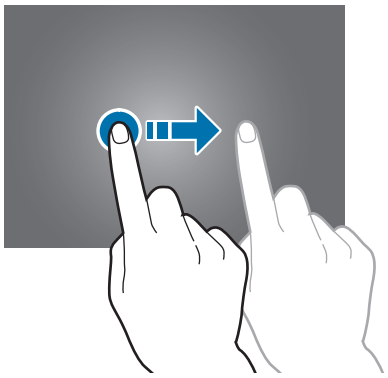
Tapping and holding

Tap and hold an item for more than 2 seconds to access available options.



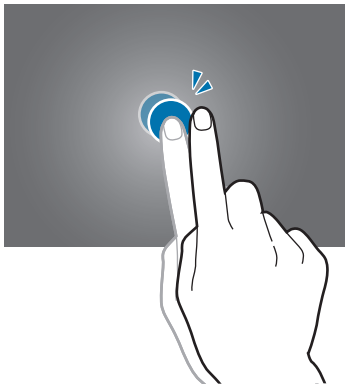
Dragging

To move an icon, thumbnail, or preview to a new location, tap and hold it and drag it to the target position.



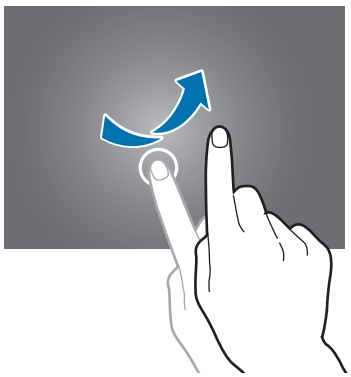
Double-tapping

Double-tap on a webpage or image to zoom in a part. Double-tap again to return.



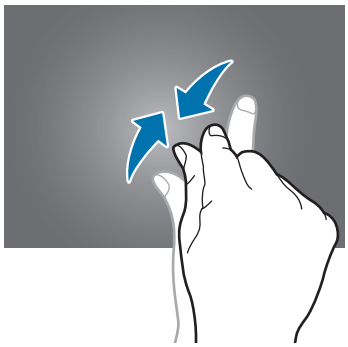
Flicking

Flick left or right on the Home screen or the Applications screen to see another panel. Flick up or down to scroll through a webpage or a list, such as contacts.



Pinching

Spread two fingers apart on a webpage, map, or image to zoom in a part. Pinch to zoom out.



Control motions

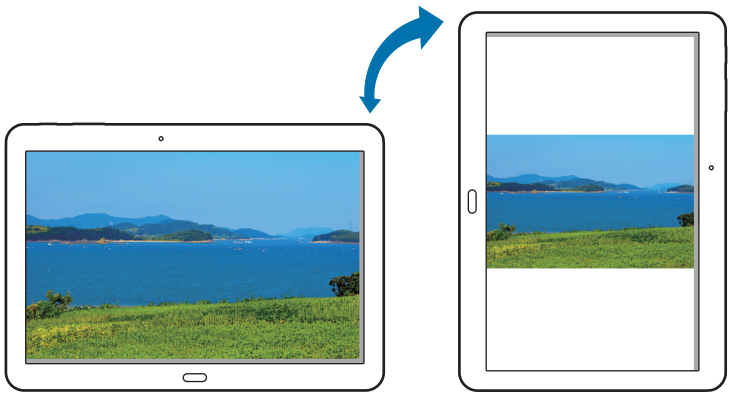
Simple motions allow easy control of the device.

Before using motions, make sure the motion feature is activated. On the Home screen, tap → **Settings** → **Controls** → **Motions**, and then drag the **Motions** switch to the right.

Excessive shaking or impact to the device may result in unintended inputs. Control motions properly.

Rotating the screen

Many applications allow display in either portrait or landscape orientation. Rotating the device causes the display to automatically adjust to fit the new screen orientation.

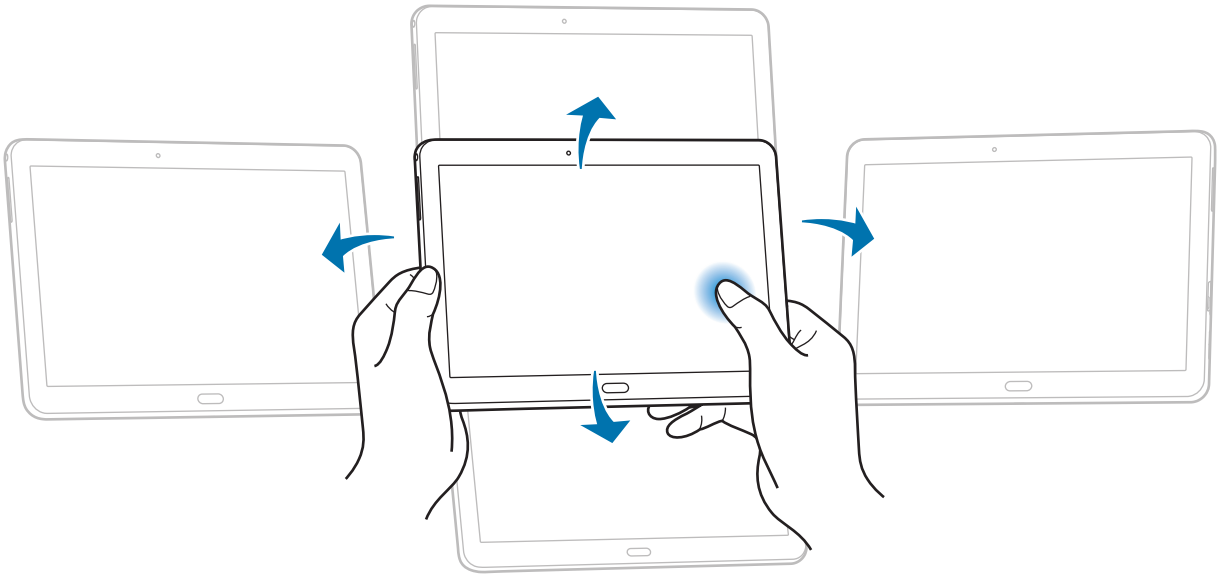


To prevent the display from rotating automatically, open the notifications panel and deselect **Screen rotation**.

- Some applications do not allow screen rotation.
- Some applications display a different screen depending on the orientation.

Panning to browse

When an image is zoomed in, tap and hold a point on the screen, and then move the device in any direction to browse the image.



Tilting

Tap and hold two points on the screen, and then tilt the device back and forth to zoom in or out.

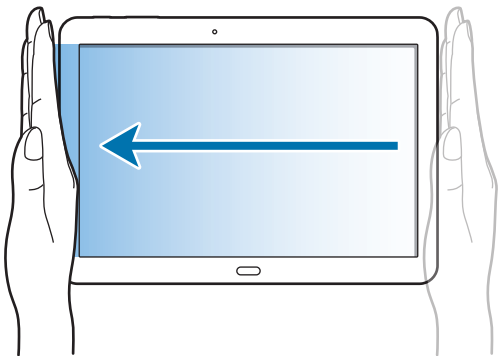
Palm motions

Use palm motions to control the device by touching the screen.

Before using motions, make sure the palm motion feature is activated. On the Home screen, tap ▦ → **Settings** → **Controls** → **Palm motion**, and then drag the **Palm motion** switch to the right.

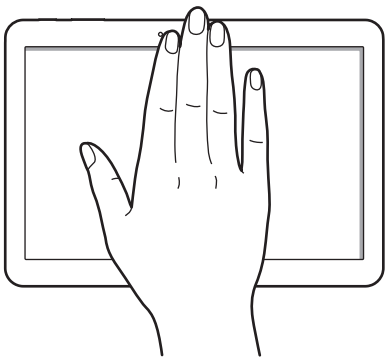
Sweeping

Sweep your hand across the screen to capture a screenshot. The image is saved in **Gallery** → **Screenshots**. It is not possible to capture a screenshot while using some applications.



Covering

Cover the screen with a palm to pause media playback.

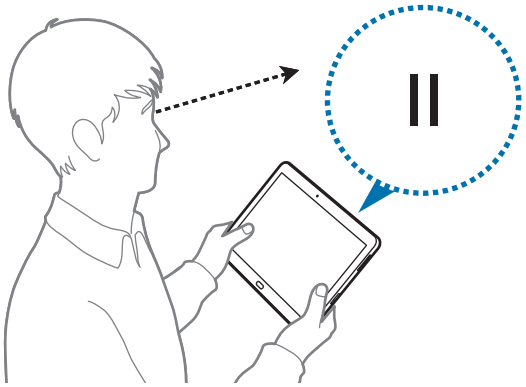


Samsung Smart Pause

Use this feature to pause videos when you look away from the screen.

On the Home screen, tap → **Settings** → **Controls** → **Smart screen**, and then tick **Smart pause**.

During video playback, look away from the screen to pause the video. To resume playback, look at the screen again.



Activating Multi Window

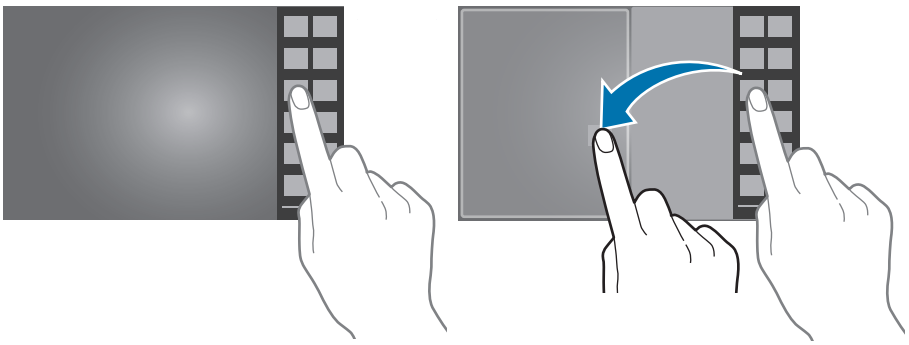
Use this feature to run two applications on the screen at the same time.

- Only applications on the Multi Window panel can run.
- When launching applications that contain multimedia files, such as music or videos, sound from both files will be played.
- This feature may not be available depending on the region or service provider.

To use Multi Window, on the Home screen, tap → **Settings** → **Device** → **Multi window**, and then drag the **Multi window** switch to the right.

Using the Multi Window panel

To show the Multi Window panel, tap and hold or swipe the screen from the right edge of the device. The Multi Window panel appears at the right side of the screen. Drag one application to the screen, and then drag another application to a new location.



Drag the circle between the application windows left or right to adjust the size of the windows.

To hide the Multi Window panel, tap and hold or tap .

Using Multi Window applications

While using Multi Window applications, select an application window, tap the circle between the application windows, and then use one of the following:

- : Open a list of recently-used applications in the selected window.
- : Switch locations between Multi Window applications.
- : Share items between application windows. Drag an item to share from one window to another. Some applications may not support this feature.
- : Maximize the window to fit the screen.
- : Close the application.

Sharing files

Drag an item you want to share to the other window. Some applications may not support this feature.

Creating a paired window

Use this feature to save the combination of the currently-running Multi Window applications.

On the Multi Window panel, tap → **Create**, enter a title, and then tap **OK**.

Using the same application in two windows

Use this feature to launch the same application in two windows at the same time.

After you launch an application from the Multi Window panel, appears next to the application icon if it supports this feature. Tap the application icon with and tap .

Some applications may not support this feature.

Using floating windows

Use this feature to launch multiple applications in floating windows.

Tap applications on the Multi Window panel. To minimize the applications, tap . Minimized applications are displayed as floating icons. To close the applications, tap .

Notifications

Notification icons appear on the status bar at the top of the screen to report new messages, calendar events, device status, and more. Drag down from the status bar to open the notifications panel. Scroll the list to see additional alerts. To close the notifications panel, drag up the bar that is at the bottom of the screen.

From the notifications panel, you can view your device's current settings. Drag down from the status bar, and then tap to use the following options:

- **Wi-Fi**: Activate or deactivate the Wi-Fi feature.
- **GPS**: Activate or deactivate the GPS feature.
- **Sound**: Activate or deactivate silent mode. You can vibrate or mute your device in silent mode.
- **Screen rotation**: Allow or prevent the interface from rotating when you rotate the device.
- **Bluetooth**: Activate or deactivate the Bluetooth feature.
- **Reading mode**: Activate or deactivate reading mode. In reading mode, the device helps protect your eyes when reading at night. To select which applications will be used for, tap **Settings** → **Device** → **Display** → **Reading mode**.
- **Blocking mode**: Activate or deactivate blocking mode. In blocking mode, the device will block notifications. To select which notifications will be blocked, tap **Settings** → **Device** → **Blocking mode**.
- **Power saving**: Activate or deactivate power-saving mode.
- **Multi window**: Set the device to use Multi Window.
- **Screen Mirroring**: Activate or deactivate the screen mirroring feature.
- **Smart stay**: Activate or deactivate the smart stay feature.
- **Smart pause**: Activate or deactivate the smart pause feature.
- **Sync**: Activate or deactivate auto-syncing of applications.
- **Flight mode**: Activate or deactivate flight mode.

The available options may vary depending on the region or service provider.

To rearrange the options on the notifications panel, open the notifications panel, tap → , tap and hold an item, and then drag the item to another location.

Home screen

The Home screen is the starting point to access all of the device's features. It displays indicator icons, widgets, shortcuts to applications, and more.

The Home screen has two different kinds of panels. The Magazine panel displays Magazine widgets and the Standard panel displays shortcuts to applications and widgets.

The Home screen can have multiple panels. To view other panels, scroll left or right.

Rearranging widgets on the Magazine panels

Adding a new panel

Pinch on the screen and tap .

Adding a Magazine widget

Pinch on the Magazine panel, select a panel preview at the top of the screen, and then select a Magazine widget to add to the panel. You can add up to 6 Magazine widgets to a panel.

Moving a Magazine widget

Tap and hold a Magazine widget, drag it to a new location, resize it by dragging the frame if necessary, and then tap to save the location of the Magazine widget.

Removing a Magazine widget

Tap and hold a Magazine widget, and drag it to the trash can that appears at the top of the Home screen. When the trash can turns red, release the item.

Rearranging items on the Standard panels

Adding Standard panels to the Home screen

On the Home screen, tap , tap and hold an application icon, and then drag it into a panel preview. A Standard panel is added to the Home screen automatically.

Using widgets

Widgets are small applications that provide convenient functions and information on your Home screen. To use them, add widgets from the widgets panel to the Home screen.

- Some widgets connect to web services. Using a web-based widget may result in additional charges.
- The widgets available may vary depending on the region or service provider.

On the Home screen, tap ⊞ → **Widgets**. Scroll left or right on the widgets panel, and then tap and hold a widget to add it to the Home screen. Put it in a location you want, resize it by dragging the frame if necessary, and then tap anywhere on the screen to save the location of the widget.

Adding an item

Customize the Standard panels by adding widgets, folders, or panels.

Tap and hold the empty area on the Standard panel, and then select one of the following categories:

- **Apps and widgets**: Add widgets or applications to the Home screen.
- **Folder**: Create a new folder.
- **Page**: Add a new Standard panel to the Home screen.

Moving an item

Tap and hold an item and drag it to a new location. To move it to another panel, drag it to the side of the screen.

Removing an item

Tap and hold an item, and drag it to the trash can that appears at the top of the Home screen. When the trash can turns red, release the item.

Rearranging panels

Moving a panel

Pinch on the screen, tap and hold a panel preview, and then drag it to a new location.

Removing a panel

Pinch on the screen, tap and hold a panel preview, and then drag it to the trash can at the top of the screen.

Setting wallpaper

Set an image or photo stored in the device as wallpaper for the Home screen.

Tap and hold the empty area on the Standard panel, tap **Home screen**, and then select one of the following:

- **Gallery**: See photos taken by the device's camera or images downloaded from the Internet.
- **Live wallpapers**: See animated images.
- **Photos**: See images in **Photos**.
- **Wallpapers**: See wallpaper images.

Select an image, resize it by dragging the frame or using spread and pinch gestures if necessary, and then set it as wallpaper.

Applications screen

The Applications screen displays icons for all applications, including any new applications installed.

On the Home screen, tap to open the Applications screen.

To view other panels, scroll left or right.

Rearranging applications

This feature is available only in the customizable grid view.

Tap → **Edit**, tap and hold an application, and then drag it to a new location. To move it to another panel, drag it to the side of the screen.

Organizing with folders

Put related applications together in a folder for convenience.

Tap → **Edit**, tap and hold an application, and then drag it to **Create folder**. Enter a folder name and then tap **OK**. Put applications into the new folder by dragging, and then tap **Save** to save the arrangement.

Rearranging panels

Pinch on the screen, tap and hold a panel preview, and then drag it to a new location.

Installing applications

Use application stores, such as **Play Store** and **Samsung Apps**, to download and install applications.

Uninstalling applications

Tap → **Uninstall/disable apps**, and then select an application to uninstall it.

Default applications that come with the device cannot be uninstalled.

Using applications

This device can run many different types of applications, ranging from media to Internet applications.

Opening an application

On the Home screen or the Applications screen, select an application icon to open it.

Some applications are grouped into folders. Tap a folder, and then tap an application to open it.

Opening from recently-used applications

Tap to open the list of recently-used applications.

Select an application icon to open.

Closing an application

Close applications not in use to save battery power and maintain device performance.

Tap → **Task manager**, and then tap **End** next to an application to close it. To close all running applications, tap **End all**. Alternatively, tap → **Close all**.

Help

Access help information to learn how to use the device and applications or configure important settings.

Tap **Samsung** → **Help** on the Applications screen. Select a category to view tips.

To sort categories by an alphabetical order, tap .

To search for keywords, tap .

Entering text

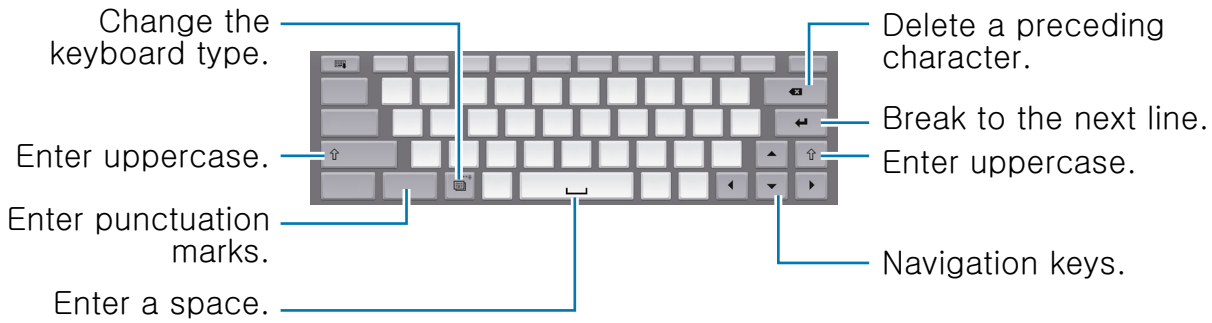
Use the Samsung keyboard or the voice input feature to enter text.

Text entry is not supported in some languages. To enter text, you must change the input language to one of the supported languages.

Changing the keyboard type

Tap any text field, open the notifications panel, tap **Select input method**, and then select the type of keyboard to use.

Using the Samsung keyboard



Entering uppercase

Tap ⇧ before entering a character. For all caps, tap it twice.

Changing the keyboard type

Tap and hold ⌨, and then tap ⌨ to change the keyboard type.

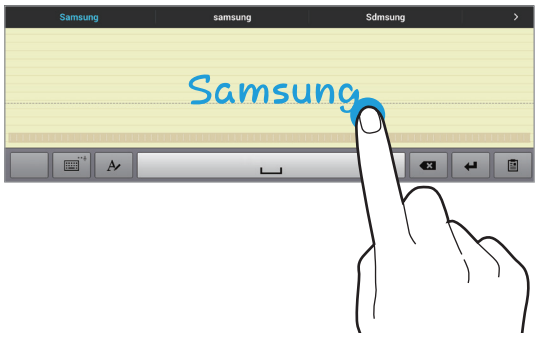
On the floating keyboard, tap and hold ☰ and move the floating keyboard to another location.

Changing language keyboards

Add languages to the keyboard, and then slide the space key left or right to change language keyboards.

Handwriting

Tap and hold ⌨, tap T✎, and then write a word with a finger. Suggested words appear as characters are entered. Select a suggested word.



Use handwriting gestures to perform actions, such as editing or deleting characters and inserting spaces. To view the gesture guides, tap and hold ⌨, and then tap ⚙ → **Help** → **Use handwriting gestures**.

This feature may not be available depending on the region or service provider.

Entering text by voice

Activate the voice input feature and then speak into the microphone. The device displays what you speak.

If the device does not recognize your words correctly, tap the underlined text and select an alternative word or phrase from the dropdown list.

To change the language or add languages for the voice recognition, tap the current language.

Copying and pasting

Tap and hold over text, drag or to select more or less text, and then tap **Copy** to copy or **Cut** to cut. The selected text is copied to the clipboard.

To paste it into a text entry field, tap and hold at the point where it should be inserted, and then tap **Paste**.

Connecting to a Wi-Fi network

Connect the device to a Wi-Fi network to use the Internet or share media files with other devices. (p. 97)

Ensure that the Wi-Fi connection is active before using Internet applications.

Turning Wi-Fi on and off

Open the notifications panel, and then tap **Wi-Fi** to turn it on or off.

Turn off Wi-Fi to save the battery when not in use.

Joining Wi-Fi networks

On the Applications screen, tap **Settings** → **Connections** → **Wi-Fi**, and then drag the **Wi-Fi** switch to the right.

Select a network from the list of detected Wi-Fi networks, enter a password if necessary, and then tap **Connect**. Networks that require a password appear with a lock icon. After the device connects to a Wi-Fi network, the device will automatically connect to it any time it is available.

Adding Wi-Fi networks

If the desired network does not appear in the networks list, tap **Add Wi-Fi network** at the bottom of the networks list. Enter the network name in **Network SSID**, select the security type and enter the password if it is not an open network, and then tap **Connect**.

Forgetting Wi-Fi networks

Any network that has ever been used, including the current network, can be forgotten so the device will not automatically connect to it. Select the network in the networks list, and then tap **Forget**.

Setting up accounts

Google applications, such as **Play Store**, require a Google account, and **Samsung Apps** requires a Samsung account. Create Google and Samsung accounts to have the best experience with the device.

Adding accounts

Follow the instructions that appear when opening a Google application without signing in to set up a Google account.

To sign in with or sign up for a Google account, on the Applications screen, tap **Settings** → **General** → **Accounts** → **Add account** → **Google**. After that, tap **New** to sign up, or tap **Existing**, and then follow the on-screen instructions to complete the account setup. More than one Google account can be used on the device.

Set up a Samsung account as well.

Removing accounts

On the Applications screen, tap **Settings** → **General** → **Accounts**, select an account type under **My accounts**, select the account to remove, and then tap **Remove account**.

Setting up user profiles

Set up user profiles and then select one when unlocking the device to use personalized settings. By setting up multiple user profiles, several users can share the device without affecting others' personal settings, such as email accounts and wallpaper preferences.

On the Applications screen, tap **Settings** → **General** → **Users** → **Add user**, and then follow the on-screen instructions to set up a new user profile. To access the device with a user profile, select a profile at the top right of the locked screen.

Transferring files

Move audio, video, image, or other types of files from the device to the computer, or vice versa.

The following file formats are supported by some applications. Some file formats are not supported depending on the version of the device's software or the computer operating system.

- Music: mp3, m4a, mp4, 3gp, 3ga, wma, ogg, oga, aac, and flac
- Image: bmp, gif, jpg, and png
- Video: avi, wmv, asf, flv, mkv, mp4, 3gp, webm, and m4v
- Document: doc, docx, xls, xlsx, ppt, pptx, pdf, and txt

If the applications cannot play files in divx or ac3 format, install applications that support them.

Connecting with Samsung Kies

Samsung Kies is a computer application that manages media contents and personal information with Samsung devices. Download the latest Samsung Kies from the Samsung website.

1 Connect the device to the computer using the USB cable.

Samsung Kies launches on the computer automatically. If Samsung Kies does not launch, double-click the Samsung Kies icon on the computer.

2 Transfer files between your device and the computer.

Refer to the Samsung Kies help for more information.

Connecting with Windows Media Player

Ensure that Windows Media Player is installed on the computer.

1 Connect the device to the computer using the USB cable.

2 Open Windows Media Player and sync music files.

Connecting as a media device

1 Connect the device to the computer using the USB cable.

2 Open the notifications panel, and then tap **Connected as a media device** → **Media device (MTP)**.

Tap **Camera (PTP)** if your computer does not support Media Transfer Protocol (MTP) or not have an appropriate driver installed.

3 Transfer files between your device and the computer.

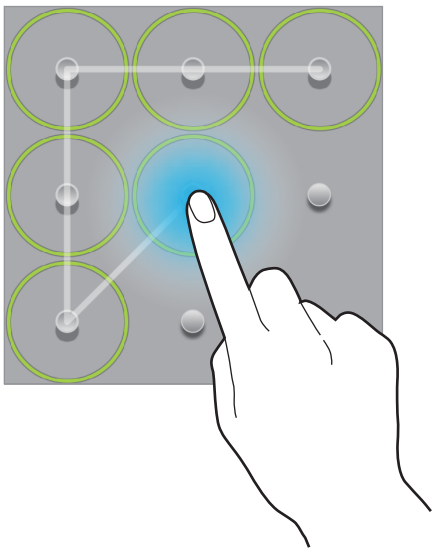
Securing the device

Prevent others from using or accessing personal data and information stored in the device by using the security features. The device requires an unlock code whenever unlocking it.

Setting a pattern

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Pattern**.

Draw a pattern by connecting four dots or more, and then draw the pattern again to verify it. Set a backup unlock PIN to unlock the screen when you forget the pattern.



Setting a PIN

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **PIN**.

Enter at least four numbers, and then enter the password again to verify it.

Setting a password

On the Applications screen, tap **Settings** → **Device** → **Lock screen** → **Screen lock** → **Password**.

Enter at least four characters including numbers and symbols, and then enter the password again to verify it.

Unlocking the device

Turn on the screen by pressing the Power button or the Home button, and enter the unlock code.

If the unlock code is forgotten, take the device to a Samsung Service Centre to reset it.

Upgrading the device

The device can be upgraded to the latest software.

This feature may not be available depending on the region or service provider.

Upgrading with Samsung Kies

Launch Samsung Kies and connect the device to the computer. Samsung Kies automatically recognizes the device and shows available updates in a dialogue box, if any. Click the Update button in the dialogue box to start upgrading. Refer to the Samsung Kies help for details on how to upgrade.

- Do not turn off the computer or disconnect the USB cable while the device is upgrading.
- While upgrading the device, do not connect other media devices to the computer. Doing so may interfere with the update process.

Upgrading over the air

The device can be directly upgraded to the latest software by the firmware over-the-air (FOTA) service.

On the Applications screen, tap **Settings** → **General** → **About device** → **Software update** → **Update**.

Communication

Contacts

Use this application to manage contacts, including phone numbers, email addresses, and others.

Tap **Contacts** on the Applications screen.

Managing contacts

Tap **Contacts**.

Creating a contact

Tap and enter contact information.

- : Add an image.
- / : Add or delete a contact field.

Editing a contact

Select a contact to edit, and then tap .

Deleting a contact

Tap .

Searching for contacts

Tap **Contacts**.

Use one of the following search methods:

- Scroll up or down the contacts list.
- Use the index at the left side of the contacts list for quick scrolling, by dragging a finger along it.
- Tap the search field at the top of the contacts list and enter search criteria.

Once a contact is selected, take one of the following actions:

- ★ : Add to favourite contacts.
- : Compose an email.

Displaying contacts

Tap **Contacts**.

By default, the device shows all saved contacts.

Tap → **Contacts to display**, and then select a location where contacts are saved.

Moving contacts

Tap **Contacts**.

Moving contacts to Google

Tap → **Merge accounts** → **Merge with Google**.

Contacts moved to Google Contacts appear with in the contacts list.

Moving contacts to Samsung

Tap → **Merge accounts** → **Merge with Samsung**.

Contacts moved to Samsung Contacts appear with in the contacts list.

Importing and exporting contacts

Tap **Contacts**.

Importing contacts

Tap ⋮ → **Settings** → **Import/Export**, and then select an import option.

Exporting contacts

Tap ⋮ → **Settings** → **Import/Export**, and then select an export option.

Sharing contacts

Tap ⋮ → **Share namecard via** → **Multiple contacts**, select contacts, tap **Done**, and then select a sharing method.

Favourite contacts

Tap **Favourites**.

Tap ⋮, and then take one of the following actions:

- **Search**: Search for contacts.
- **Add to favourites**: Add contacts to favourites.
- **Remove from favourites**: Remove contacts from favourites.
- **Grid view** / **List view**: View contacts in grid or list form.
- **Help**: Access help information about using contacts.

Contact groups

Tap **Groups**.

Create a group

Tap and enter the group name, tap Add member to add members to the group, and then tap **Save**.

Adding contacts to a group

Select a group, and then tap → **Add member**. Select contacts to add, and then tap **Done**.

Managing groups

Tap , and then take one of the following actions:

- **Search**: Search for contacts.
- **Delete groups**: Delete one or more groups that you have created.
- **Edit**: Change the group settings.
- **Add member**: Add members to the group.
- **Remove member**: Remove members from the group.
- **Send email**: Send an email to a group's members.
- **Change order**: Tap and hold next to the group name, drag it up or down to another position, and then tap **Done**.
- **Help**: Access help information about using contacts.

Deleting groups

Tap → **Delete groups**, select user-added groups, and then tap **Done**. Default groups cannot be deleted.

Sending an email to a group's members

Select a group, tap → **Send email**, select members, and then tap **Done**.

Business card

Tap **Contacts**.

Tap **Set up my profile**, enter details, such as phone number, email address, and postal address, and then tap **Save**. If user information has been saved when you set up the device, select the business card in **ME**, and then tap to edit.

Tap → **Share namecard via** → **Selected contact**, and then select a sharing method.

Email

Use this application to send or view email messages.

Tap **Samsung** → **Email** on the Applications screen.

Setting up email accounts

Set up an email account when opening **Email** for the first time.

Enter the email address and password. Tap for a private email account, such as Google Mail, or tap for a company email account. After that, follow the on-screen instructions to complete the setup.

To set up another email account, tap → **Settings** → **Add account**.

Sending messages

Tap the email account to use, and then tap at the top of the screen. Enter recipients, subject, and message, and then tap .

Tap to add a recipient from the contacts list.

Tap to attach images, videos, contacts, events, and others.

Tap → to insert images, events, contacts, and location information into the message.

Sending scheduled messages

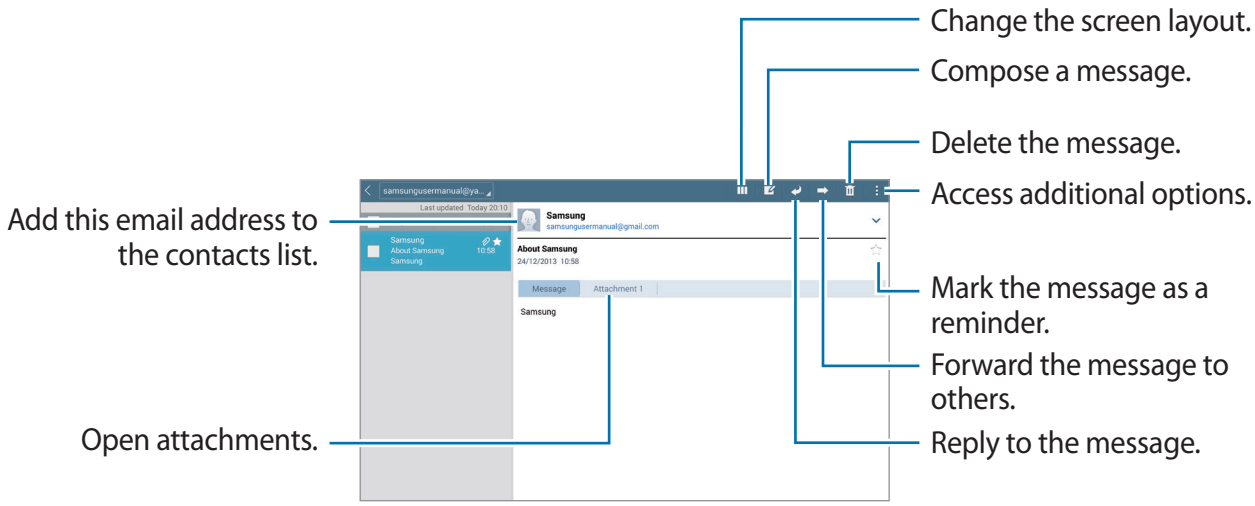
While composing a message, tap → **Schedule sending**. Tick **Schedule sending**, set a time and date, and then tap **Done**. The device will send the message at the specified time and date.

- If the device is turned off at the scheduled time, is not connected to the network, or the network is unstable, the message will not be sent.
- This feature is based on the time and date set on the device. The time and date may be incorrect if you move across time zones and the network does not update the information.

Reading messages

Select an email account to use, and new messages are retrieved. To manually retrieve new messages, tap .

Tap a message to read.



Tap the attachment tab to open attachments, and then tap **Save** to save it.

Gmail

Use this application to quickly and directly access the Google Mail service.

Tap **Google** → **Gmail** on the Applications screen.

- This application may not be available depending on the region or service provider.
- This application may be labeled differently depending on the region or service provider.

Sending messages

In any mailbox, tap , enter recipients, a subject, and a message, and then tap **SEND**.

Tap ⋮ → **Save draft** to save the message for later delivery.

Tap ⋮ → **Attach file** to attach a file from Dropbox, Gallery, Photos or Sound picker.

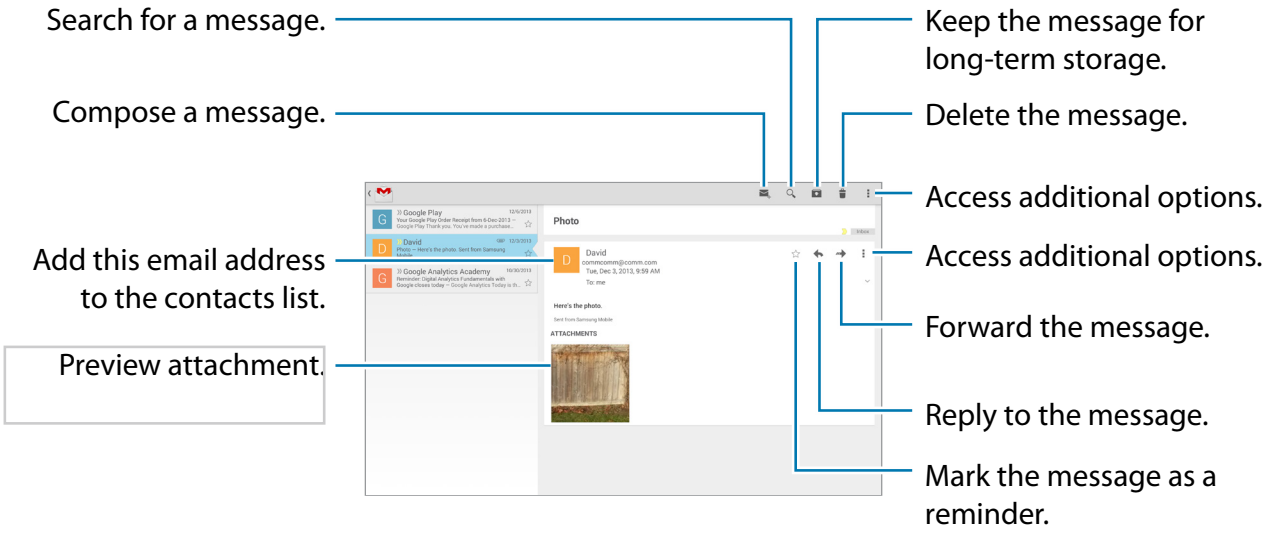
Tap ⋮ → **Discard** to start over.

Tap ⋮ → **Settings** to change the Google Mail settings.

Tap ⋮ → **Send feedback** to report your opinions for application development.

Tap ⋮ → **Help** to access help information for the Google Mail.

Reading messages



Labels

Gmail uses labels rather than folders. When Gmail is launched, it displays messages labeled Inbox.

Select a label in **ALL LABELS** to view messages with other labels.

To add a label to a message, select the message, tap ⋮ → **Change labels**, and then select the label to assign.

Hangouts

Use this application to chat with others.

Tap **Google** → **Hangouts** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a friend from the friends list or enter data to search and select a friend from the results to start chatting.

Google+

Use this application to stay connected with people via Google's social network service.

Tap **Google** → **Google+** on the Applications screen.

This application may not be available depending on the region or service provider.

Tap **All** to change the category, and then scroll up or down to view posts from your circles.

Tap to use other social network features.

Photos

Use this application to view and share images or videos via Google's social network services.

Tap **Google** → **Photos** on the Applications screen.

This application may not be available depending on the region or service provider.

Select one of the following categories:

- **CAMERA**: View all the images or videos that are taken or downloaded to the device.
- **HIGHLIGHTS**: View images or videos grouped by date or album. Tap › to view all of the images or videos in the group.

Then, select an image or video.

While viewing it, use one of the following icons:

- : Modify the image.
- : Share the image or video with others.
- : Delete the image or video.

Web & network

Internet

Use this application to browse the Internet.

Tap **Internet** on the Applications screen.

Viewing webpages

Tap the address field, enter the web address, and then tap **Go**.

Tap to share, save, or print the current webpage while viewing a webpage.

To change the search engine, tap the address field, and then tap the search engine icon next to the web address.

Opening a new page

Tap → **New tab**.

To go to another webpage, scroll left or right on the title field, and then tap the title to select it.

Searching the web by voice

Tap , speak a keyword, and then select one of the suggested keywords that appear.

This feature may not be available depending on the region or service provider.

Bookmarks

To bookmark the current webpage, tap → .

To open a bookmarked webpage, tap , and then select one.

History

Tap → **History** to open a webpage from the list of recently-visited webpages. To clear the history, tap .

Saved pages

To view saved webpages, tap → **Saved pages**.

Links

Tap and hold a link on the webpage to open it in a new page, save, or copy.

To view saved links, use **Downloads**. (p. 88)

Sharing webpages

To share a webpage address with others, tap → **Share via**.

To share a part of a webpage, tap and hold the desired text, and then tap **Share via**.

Chrome

Use this application to search for information and browse webpages.

Tap **Chrome** on the Applications screen.

This application may not be available depending on the region or service provider.

Viewing webpages

Tap the address field, and then enter a web address or search criteria.

Opening a new page

Tap → **New tab**.

To go to another webpage, scroll left or right on the title field, and tap the title to select it.

Bookmarks

To bookmark the current webpage, tap ☆, enter details, such as name and web address, and then tap **Save**.

To open a bookmarked webpage, tap ⋮ → **Bookmarks**, and then select one.

Searching the web by voice

Tap 🎤, speak a keyword, and then select one of the suggested keywords that appear.

Syncing with other devices

Sync open tabs and bookmarks to use with Chrome on another device, when you are logged in with the same Google account.

To view open tabs on other devices, tap ⋮ → **Other devices**. Select a webpage to open.

To view bookmarks, tap **BOOKMARKS**.

Bluetooth

Bluetooth creates a direct wireless connection between two devices over short distances. Use Bluetooth to exchange data or media files with other devices.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received via the Bluetooth feature.
- Always ensure that you share and receive data with devices that are trusted and properly secured. If there are obstacles between the devices, the operating distance may be reduced.
- Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with your device.
- Do not use the Bluetooth feature for illegal purposes (for example, pirating copies of files or illegally tapping communications for commercial purposes).

  Samsung is not responsible for the repercussion of illegal use of the Bluetooth feature.

To activate Bluetooth, on the Applications screen, tap **Settings** → **Connections** → **Bluetooth**, and then drag the **Bluetooth** switch to the right.

Pairing with other Bluetooth devices

On the Applications screen, tap **Settings** → **Connections** → **Bluetooth** → **Scan**, and detected devices are listed. Select the device you want to pair with, and then accept the auto-generated passkey on both devices to confirm.

Sending and receiving data

Many applications support data transfer via Bluetooth. An example is **Gallery**. Open **Gallery**, select an image, tap → **Bluetooth**, and then select an available Bluetooth device. After that, accept the Bluetooth authorization request on the other device to receive the image.

When another device sends you data, accept the Bluetooth authorization request made by the other device. Received files are saved in the **Bluetooth** folder. If a contact is received, it is added to the contacts list automatically.

Screen Mirroring

Use this feature to connect your device to a large screen with an AllShare Cast dongle or HomeSync and then share your contents. You can also use this feature with other devices that support the Wi-Fi Miracast feature.

- This feature may not be available depending on the region or service provider.
- Miracast-enabled devices that do not support High-bandwidth Digital Content Protection (HDCP 2.X) may not be compatible with this feature.
- Some files may be buffered during playback, depending on the network connection.
- To save energy, deactivate this feature when not in use.
- If you specify a Wi-Fi frequency, AllShare Cast dongles or HomeSync may not be discovered or connected.
- If you play videos or games on a TV, select an appropriate TV mode to get the best experience.

On the Applications screen, tap **Settings** → **Connections** → **Screen Mirroring**, and then drag the **Screen Mirroring** switch to the right. Select a device, open or play a file, and then control the display with the keys on your device. To connect to a device using a PIN, tap and hold the device name to enter the PIN.

e-Meeting

Samsung e-Meeting provides collaboration capabilities by giving users the ability to share content during a meeting without having to access a central server or network. All participants must be connected to the same Wi-Fi network.

Tap **e-Meeeting** on the Applications screen.

Tap **Create Meeting** to host a meeting or **Join meeting** to participate in a meeting.

Remote PC

Use this application to view and control your computer's screen on your device by connecting them via Wi-Fi or local area network. You can also easily transfer files between your device and computer and enter text using your device's keyboard.

Tap **Remote PC** on the Applications screen.

Tap **Start** to start using this application. If a Samsung account is not registered, follow the on-screen instructions to create a Samsung account.

Registering your computer

Before using this application, you must register your computer with your Samsung account and install the Agent on your computer.

On your computer, launch the web browser, visit *remotepc.rview.com*, and then sign in to your Samsung account. Follow the on-screen instructions to register your computer and install the Agent on it.

Connecting devices

On the Remote PC screen of the device, tap **ON**, enter the password for the connection, and then tap **OK**. Alternatively, tap **Properties** → **Connect PC**.

Controlling the computer on the device

After connecting your device and computer, you can view and control your computer's screen on the device.

From the device, use one of the following methods:

- Spread two fingers apart on the screen to zoom in, and pinch to zoom out.
- Flick your finger in any direction to scroll the screen.
- Tap the screen with one finger to left click on the screen.
- Tap the screen with two fingers to right click on the screen.
- Double-tap the screen to double click on the screen.

Tap the screen, and then tap to use one of the following:

- **Mouse**: Display the mouse pointer on the device's screen.
- **Keyboard**: Open the keyboard to enter text in the selected text field.
- **Remote Explorer**: Open the file manager to search for files and transfer files between the connected devices.
- **Lock screen**: Lock the device's screen to disable the zoom and scroll functions.
- **Switch Window**: Switch between two monitors when the computer is connected to dual monitors.
- **Remote Capture**: Capture a screenshot.
- **Setting**: Change the sync settings.
- **Finish Agent**: Close the connection between the devices.

SideSync 3.0

Use this application to view and control a smartphone's screen on your device by connecting them via Wi-Fi or Wi-Fi Direct. You can also easily transfer files between your device and the smartphone and enter text using your device's keyboard.

Tap **Samsung** → **SideSync 3.0** on the Applications screen.

To start **SideSync 3.0**, you need to download and install the application. Tap **Install** and follow the on-screen instructions.

Media

Music

Use this application to listen to music.

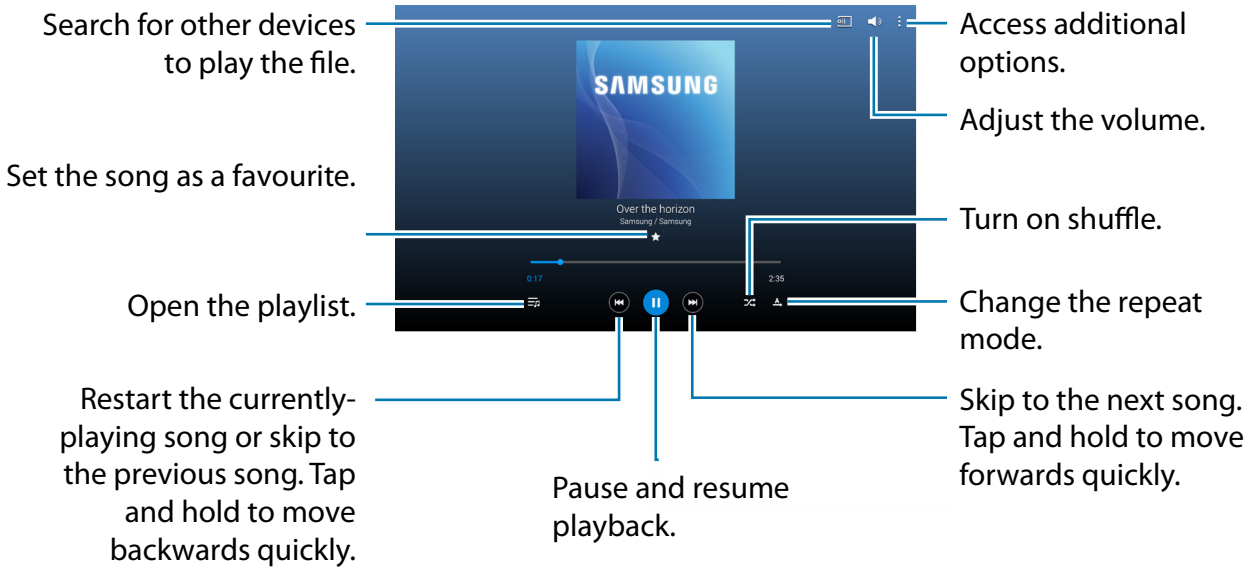
Tap **Music** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Playing music

Select a music category, and then select a song to play.

Tap the album image at the bottom of the screen to open the music player screen.


Search for other devices to play the file.
Access additional options.
Adjust the volume.
Set the song as a favourite.
Turn on shuffle.
Open the playlist.
Change the repeat mode.
Restart the currently-playing song or skip to the previous song. Tap and hold to move backwards quickly.
Skip to the next song. Tap and hold to move forwards quickly.
Pause and resume playback.
SAMSUNG
Over the horizon
Samsung / Samsung
0:17
2:35

To listen to songs at equal volume levels, tap ⋮ → **Settings** → **Player** → **Smart Volume**.

When **Smart Volume** is activated, the volume may end up louder than the device volume level. Use caution to avoid long-term exposure to loud sounds to prevent damage to your hearing.

Smart Volume may not be activated for some files.

To set a personalized sound while listening to songs with a headset, tap ⋮ → **Settings** → **Player** → **Adapt Sound** → **On**. When you turn the volume up to level 14 or higher, the adapt sound option is not applied to music playback. If you turn the volume down to level 13 or lower, the option is reapplied.

Setting a song as alarm ringtone

To use the currently-playing song as alarm ringtone, tap ⋮ → **Set as**.

Creating playlists

Make a selection of songs.

Tap **Playlists**, and then tap ⋮ → **Create playlist**. Enter a title and tap **OK**. Tap **Add tracks**, select songs to include, and then tap **Done**.

To add the currently-playing song to a playlist, tap ⋮ → **Add to playlist**.

Playing music by mood

Play music grouped by mood. The playlist is automatically created by the device.

Tap ⋮ → **Music square**, and select a mood cell. Or select multiple cells by dragging your finger.

Camera

Use this application to take photos or videos.

Use **Gallery** to view photos and videos taken with the device's camera. (p. 65)

Tap **Camera** on the Applications screen.

- The camera automatically shuts off when unused.
- Make sure that the lens is clean. Otherwise, the device may not work properly in some modes that require high resolutions.

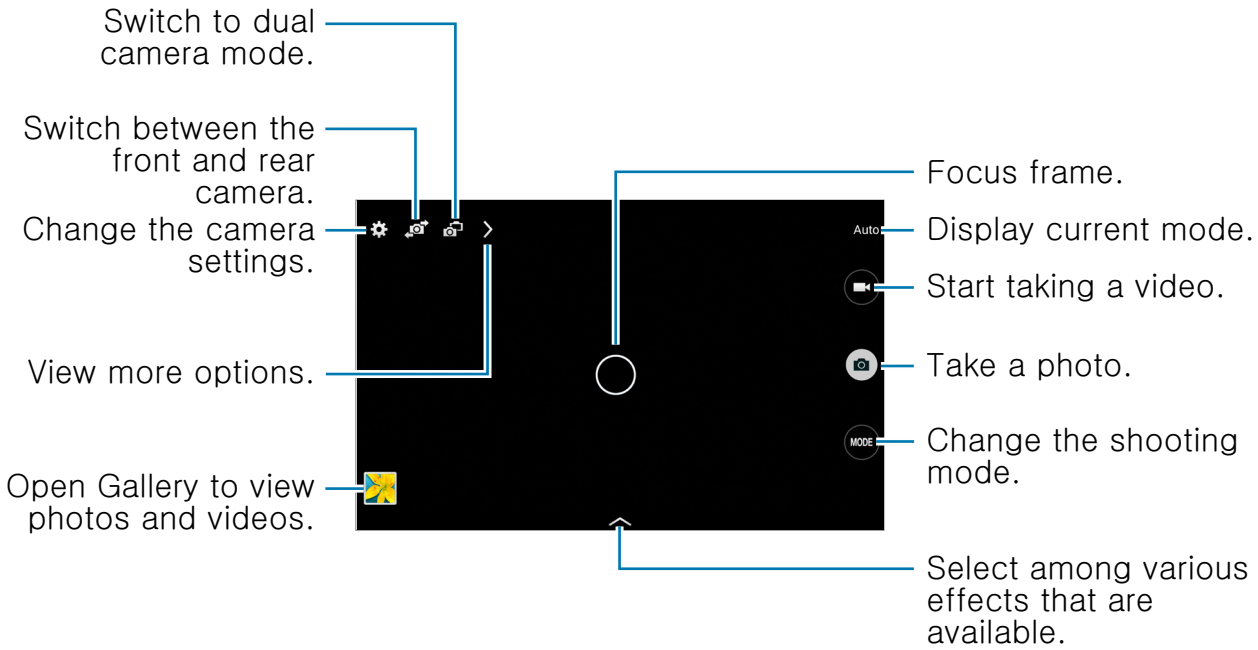
Camera etiquette

- Do not take photos or videos of other people without their permission.
- Do not take photos or videos where legally prohibited.
- Do not take photos or videos in places where you may violate other people's privacy.

Taking photos

Taking a photo

Tap the image on the preview screen where the camera should focus. When the subject is in focus, the focus frame turns green. Tap to take the photo.



Shooting mode

Several photo effects are available.

Tap **MODE**, and then scroll up or down the screen at the right side of the screen.

- **Auto**: Use this to allow the camera to evaluate the surroundings and determine the ideal mode for the photo.
- **Beauty face**: Take a photo with softened faces for gentler images.
- **Best photo**: Take a series of photos, and then save the best one.
- **Best face**: Use this to take multiple group shots at the same time and combine them to create the best possible image.

  Tap to take multiple photos. To get the best shot, hold the camera steady and remain still while taking photos. When **Gallery** opens, tap the yellow frame on each face, and choose the best individual pose for the subject. After choosing a pose for each individual, tap **Save** to merge the images into a single photo, and save it.
- **Sound & shot**: Use this to take a photo with sound.

  Tap to take a photo. The device records a few seconds of audio after taking a photo.

While taking photos in this mode, sound is recorded by the internal microphone.

- **Drama**: Use this to take a series of photos and combine them to create an image that shows trails of the movement.

  To get the best shot, follow these tips. The device may not take photos properly in other shooting conditions.

  - Hold the camera steady and remain still while taking photos.
  - Take photos of a subject that is moving in one direction.
  - Take photos with backgrounds that are free of moving objects.
  - Avoid taking photos of a subject and background with similar colours.
  - Avoid taking photos of a subject that is too close or too far away to fit within the viewfinder or that is too long such as a bus or a train.

- **Rich tone (HDR)**: Use this to take photos without losing details in bright and dark areas.
- **Eraser**: Use this to erase the movements of moving subjects in the background.

  Tap to take a series of photos. The device erases traces of movement from a moving subject. To restore the original photo, tap **Show moving objects**, and then tap the highlighted area.

  To get the best shot, follow these tips.

  - Hold the camera steady and remain still while taking photos.
  - When taking photos of an object and background with similar colours, the camera may not recognize all of the movement.
  - When taking photos of a subject that is moving very little or moving a great deal, the camera may not recognize all of the movements.
  - If there are multiple subjects moving in the background, the camera may not recognize all of the movement.
- **Panorama**: Take a photo composed of many photos linked together.

  To get the best shot, follow these tips.

  - Move the camera slowly in one direction.
  - Keep the camera's viewfinder within the guide frame.
  - Avoid taking photos of a subject in front of unrecognizable backgrounds, such as empty skies or plain walls.
- **Sports**: Use this setting for fast-moving subjects.

Panoramic photos

A panoramic photo is a wide landscape image consisting of multiple shots.

Tap **MODE** → **Panorama**.

Tap and move the camera in one direction. When two panorama guide frames are aligned, the camera automatically takes another shot in a panoramic sequence. To stop shooting, tap .

If the viewfinder is out of the direction, the device stops shooting.

Applying filter effects

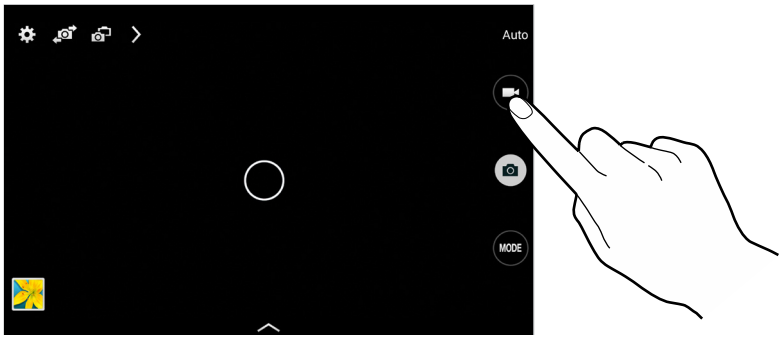
Use the filter effects to take unique photos or videos.

Tap and select a filter effect. The available options vary by mode.

Taking videos

Taking a video

Tap to take a video. To pause recording, tap . To stop recording, tap .



While recording, use the following actions:

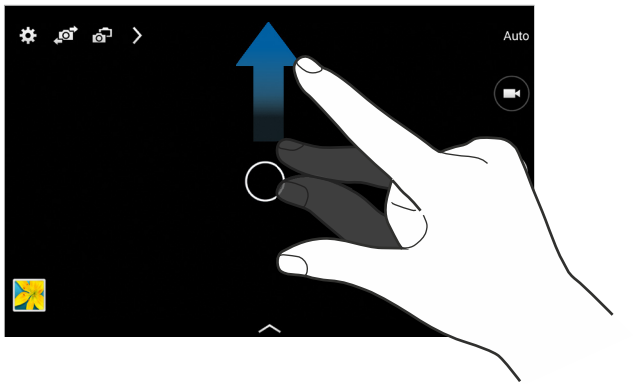
- To change the focus, tap where you want to focus. To focus on the centre of the screen, tap .
- To capture an image from the video while recording, tap .

Recording mode

Tap → to change the recording mode.

- **Normal**: Use this mode for normal quality.
- **Limit for email**: Use this mode to lower the recording quality for sending via email.
- **Fast motion**: Use this mode to take a video of a moving subject. The device will play the video in fast motion.

Zooming in and out



Use one of the following methods:

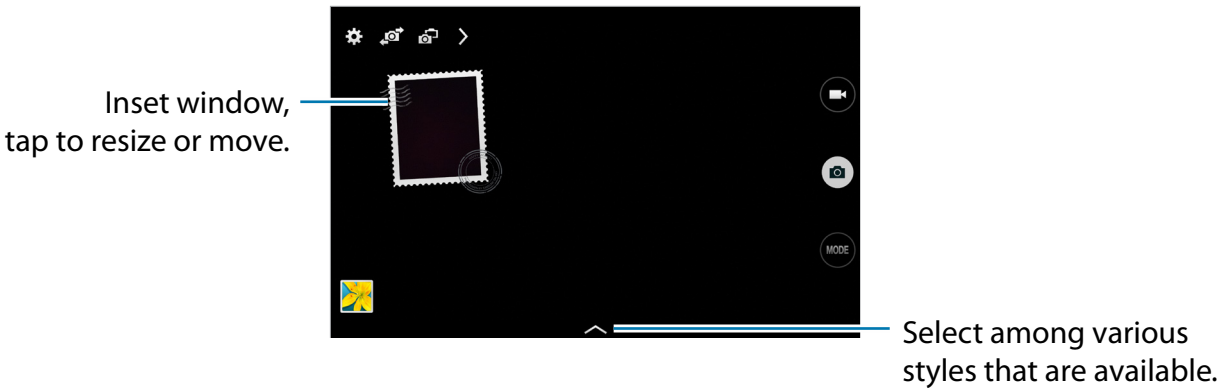
- Use the Volume button to zoom in or out.
- Spread two fingers apart on the screen to zoom in, and pinch to zoom out.

The zoom in/out effect is available when using the zoom feature while shooting video.

Dual Camera mode

When you take a landscape photo with the rear camera, the photo or video captured by the front camera appears in an inset window, or vice versa. Use this feature to take a beautiful landscape photo and a self-portrait simultaneously.

Tap to switch to dual camera mode. Tap to take a photo or tap to take a video.



- You can record videos in dual camera mode for up to 5 minutes in Full HD and up to 10 minutes in HD.
- While taking videos in this mode, sound is recorded by the internal microphone.

Share shot

Tap → , and then select one of the following:

- **Share shot**: Send a photo directly to another device via Wi-Fi Direct.
- **Buddy photo share**: Set the device to recognize a person's face that you have tagged in a photo and send it to that person.

Configuring settings for Camera

Tap to configure settings for Camera. Not all of the following options are available in both still camera and video camera modes. The available options vary depending on the mode used.

- **Photo size** / **Video size**: Select a resolution. Use higher resolution for higher quality. But the file requires more storage space.
- **Burst shot**: Take a series of photos in rapid succession by holding the shutter button .
- **Tap to take pics**: Tap the image on the preview screen to take photos.
- **Face detection**: Set the device to recognize and focus on people's faces. Detected faces are indicated by a green rectangular outline.
- **Metering modes**: Select a metering method. This determines how light is measured. **Centre-weighted** measures light over the entire area, with emphasis on the centre of the scene. **Spot** measures the light at the centre of the screen only. **Matrix** averages the entire scene.
- **ISO**: Select an ISO value. This controls the sensitivity of the light meter. It is measured in film-camera equivalents. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
- **Smart stabilisation**: Set the device to automatically detect darker conditions and adjust the brightness of the photo without using the flash.
- **Save as**: Set the device to save both the rich tone photo and original photo, or only the rich tone photo.
- **Video stabilisation**: Activate or deactivate anti-shake. Anti-shake reduces blurring due to mevement of the camera.

- **Location tag**: Attach a GPS location tag to the photo.

  - To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions.
  - Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.

- **Review pics/videos**: Set the device to show photos or videos after taking them.
- **Volume key**: Set the device to use the Volume button to control the shutter or zoom function.
- **Timer**: Use this for delayed-time shots.
- **White balance**: Select an appropriate white balance, so images have a true-to-life colour range. Choose Auto or settings for specific lighting situations.
- **Exposure value**: Adjust the brightness of the image by moving the slider.
- **Guidelines**: Display viewfinder guides to help composition when selecting subjects.
- **Flash**: Activate or deactivate the flash.
- **Voice control**: Set the camera to take photos with voice commands.
- **Contextual filename**: Set the camera to adds GPS location information to the filename when saving. Activate this to use Tag Buddy in **Gallery**.
- **Save as flipped**: Save a mirror-image photo or video when using the front camera.
- **Storage**: Select the default image storage location.
- **Reset**: Reset the camera settings.
- **Help**: Access help information for using the camera.

Shortcuts

Reorganize shortcuts for easy access to the camera's various options.

Tap ❯ and tap and hold a shortcut icon.

Tap and hold an option and drag it to a slot at the top of the screen.

Gallery

Use this application to view images and videos.

Tap **Gallery** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Viewing images

Launching **Gallery** displays available folders. As images are saved from various applications, folders are automatically created to contain the images. For example, when an image is saved from **Email**, the **Download** folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates the **Screenshots** folder. Select a folder to open it.

In a folder, images are displayed by creation date. Select an image to view it in full screen.

Scroll left or right to view the next or previous image.

Zooming in and out

Use one of the following methods to zoom in an image:

- Double-tap anywhere to zoom in.
- Spread two fingers apart on any area to zoom in. Pinch to zoom out, or double-tap to return.

Viewing images using the motion feature

Use the motion feature to execute a function with particular motion.

On the Applications screen, tap **Settings** → **Controls** → **Motions**, drag the **Motions** switch to the right, and then turn on the switch for each feature.

To stop using a motion feature, turn off the switch for the feature.

Playing videos

Video files show the icon on the preview. Select a video to watch it and tap .

Trimming segments of a video

Select a video, and then tap Trim. Move the start bracket to the desired starting point, move the end bracket to the desired ending point, and then tap Done. Enter a new filename and tap OK.

Editing images

When viewing an image, tap and use the following functions:

- **Favorite**: Add to the favourites list.
- **Slideshow**: Start a slideshow with the images in the current folder.
- **Photo frame**: Use this to add a frame and a note to an image. The edited image is saved in the **Photo frame** folder.
- **Photo note**: Use this to write a note on the back of the image. Tap to edit the note.
- **Copy to clipboard**: Copy to clipboard.
- **Print**: Print the image by connecting the device to a printer. Some printers may not be compatible with the device.
- **Rename**: Rename the file.
- **Edit weather tag**:
- **Buddy photo share**: Send the image to a person whose face is tagged in the image.
- **Rotate left**: Rotate counter-clockwise.
- **Rotate right**: Rotate clockwise.
- **Crop**: Resize the blue frame to crop and save the image in it.
- **Get directions**: Get directions to the location of the photo (must have been taken with Location tag turned on).
- **Set as**: Set the image as wallpaper or a contact image.
- **Details**: View image details.
- **Settings**: Change the Gallery settings.

Modifying images

When viewing an image, tap and use the following functions:

- **Rotate**: Rotate the image.
- **Crop**: Crop the image.
- **Colour**: Adjust the saturation or brightness of the image.
- **Effect**: Apply effects to the image.
- **Sticker**: Attach stickers.
- **Drawing**: Draw on the image.
- **Frame**: Apply frames to the image.

Favourite images

When viewing an image, tap → **Favourite** to add the image to the favourites list.

Making image collages

In a folder, tap → **Select item**, select two to four images, and then tap → **Create collage**. Select a style at the bottom of the screen, and then tap **Save**.

To add images, tap .

To delete images, tap .

To change the split type, tap .

Deleting images

Use one of the following methods:

- In a folder, tap → **Select item**, select images, and then tap .
- When viewing an image, tap .

Sharing images

Use one of the following methods:

- In a folder, tap ⋮ → **Select item**, select images, and then tap to send them to others or share them via social network services.
- When viewing an image, tap to send it to others or share it via social network services.

Setting as wallpaper

When viewing an image, tap ⋮ → **Set as** to set the image as wallpaper or to assign it to a contact.

Tagging faces

When viewing an image, tap ⋮ → **Settings** → **Tags**, and then tick **Face tag**. A yellow frame appears around recognized faces. Tap the face, tap **Add name**, and then select or add a contact.

When the face tag appears on an image, tap the face tag to use available options, such as sending messages.

Face recognition may fail depending on the face angle, face size, skin colour, facial expression, light conditions, or accessories the subject is wearing.

Using Tag buddy

Tap ⋮ → **Settings** → **Tags** → **Tag buddy**, and then drag the **Tag buddy** switch to the right to display a contextual tag (weather, location, date, and person's name) when opening an image.

Organizing with folders

Create a folder to organize images or videos stored in the device. You can copy or move files from one folder to another.

To create a new folder, tap . Enter a name for the folder, tap **OK**, and then tick images or videos. Tap and hold any selected image or video, drag it to the new folder, and then tap **Done**. Tap **Copy** to copy or **Move** to move.

Video

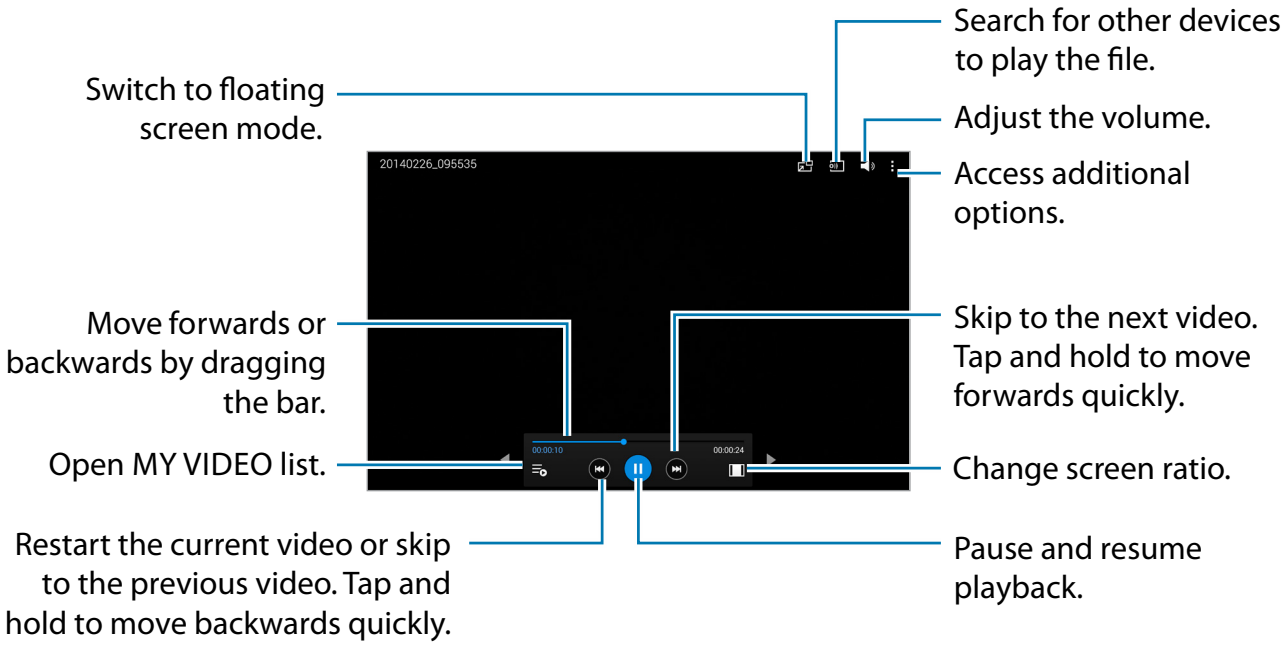
Use this application to play video files.

Tap **Video** on the Applications screen.

- Some file formats are not supported depending on the software installed on the device.
- Some files may not play properly depending on the encoding method used.

Playing videos

Select a video to play.


Search for other devices to play the file.
Switch to floating screen mode.
Adjust the volume.
Access additional options.
20140226_095535
Move forwards or backwards by dragging the bar.
Skip to the next video. Tap and hold to move forwards quickly.
Open MY VIDEO list.
Change screen ratio.
Restart the current video or skip to the previous video. Tap and hold to move backwards quickly.
Pause and resume playback.

Sharing videos

Tap ⋮ → **Share via** and then select a sharing method.

Using Popup Video player

Use this feature to use other applications without closing the video player. While watching videos, tap to use the pop-up player.

Spread two fingers apart on the screen to enlarge the player or pinch to reduce it. To move the player, drag the player to another location.

YouTube

Use this application to watch videos from the YouTube website.

Tap **YouTube** on the Applications screen.

This application may not be available depending on the region or service provider.

Watching videos

Tap , and then enter a keyword. Select one of the returned search results to watch a video.

Tap the screen, and then tap to display full screen.

Sharing videos

Select the video to view, tap , and then select a sharing method.

Uploading videos

Drag right from the left edge of the screen, tap **Uploads** → , select a video, enter information for the video, and then tap **UPLOAD**.

Flipboard

Use this application to access your personalized magazines.

Tap **Flipboard** on the Applications screen.

This application may not be available depending on the region or service provider.

To start your Flipboard, flick left on the greeting page.

Select a cover story or a topic, flick through the Flipboard pages, and then select an article to read.

Application & media stores

Play Store

Use this application to purchase and download applications and games that are able to run on the device.

Tap **Play Store** on the Applications screen.

This application may not be available depending on the region or service provider.

Installing applications

Browse applications by category, or tap to search with a keyword.

Select an application to view information. To download it, tap **INSTALL**. If there is a charge for the application, tap the price, and follow the on-screen instructions to complete the purchase process.

- When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.
- To download and install applications from other sources, on the Applications screen, tap **Settings** → **General** → **Security** → **Unknown sources**.

Uninstalling applications

Uninstall applications purchased from **Play Store**.

Tap → **My apps**, select an application to delete in the list of installed applications, and then tap **UNINSTALL**.

Samsung Apps

Use this application to purchase and download dedicated Samsung applications. For more information, visit *apps.samsung.com*.

Tap **Samsung Apps** on the Applications screen.

This application may not be available depending on the region or service provider.

Installing applications

Browse applications by category. Tap **CATEGORY** to select a category.

To search for an application, tap at the top of the screen, and then enter a keyword in the search field.

Select an application to view information. To download it, tap **Free**. If there is a charge for the application, tap the price, and follow the on-screen instructions to complete the purchase process.

When a new version is available for any installed application, an update icon appears at the top of the screen to alert you to the update. Open the notifications panel and tap the icon to update the application.

Play Books

Use this application to read and download book files.

Tap **Google** → **Play Books** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Newsstand

Use this application to read and download news and magazine files.

Tap **Google** → **Play Newsstand** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Movies

Use this application to rent, download, and watch movies.

Tap **Google** → **Play Movies** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Music

Use this application to listen to music from the device or stream music from the Google cloud service.

Tap **Google** → **Play Music** on the Applications screen.

This application may not be available depending on the region or service provider.

Play Games

Use this application to download and play games.

Tap **Google** → **Play Games** on the Applications screen.

This application may not be available depending on the region or service provider.

Utilities

Memo

Use this application to record important information to save and view at a later date.

Tap **Memo** on the Applications screen.

Composing memos

Tap , enter a memo, and then tap **Save**.

To change the category, tap .

To insert an image into the memo, tap .

To make a voice memo to insert into the memo, tap .

Browsing memos

Browse memo thumbnails by scrolling up or down.

To edit a memo, tap a memo thumbnail, and then tap the content of the memo.

To search for a memo, tap .

To create a memo, tap .

To delete memos, tap → **Delete**.

To edit the category list, tap .

Viewing a memo

Tap the memo thumbnail to open it.

To edit the memo, tap the content of the memo.

To delete the memo, tap .

To send the memo to others, tap .

To print the memo by connecting the device to a printer, tap . Some printers may not be compatible with the device.

Calendar

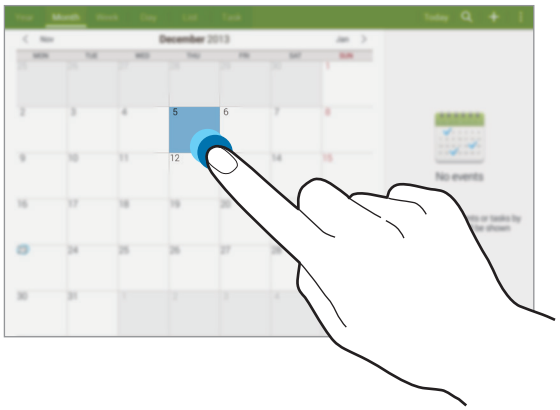
Use this application to manage events and tasks.

Tap **Calendar** on the Applications screen.

Creating events or tasks

Tap , and then tap **Event** or **Task**. Enter a title and specify which calendar to use or sync with. Add additional details as required, such as how often the event repeats, when it has an advance alert, or where it takes place.

To quickly add an event or task to the calendar, tap a date to select it, tap it again and tap **Add event** or **Add task**.



Enter a title and specify which calendar to use or sync with. Then tap **Edit event details** or **Edit task details** to add more details, such as how often the event repeats, when it has an advance alert, or where it takes place.

To attach a map showing the location of the event, tap next to the Location field, and then pinpoint the precise location by tapping and holding on the map that appears.

Syncing with Google Calendar

To manually sync with Google Calendar, tap → **Sync** or, on the Applications screen, tap **Settings** → **General** → **Accounts** → **Google** → a Google account, tick **Sync Calendar**, and then tap **Sync now**.

To display synced events or tasks, tap → **Calendars**, and then tick the Google account.

Changing calendar type

Select one from among different types of calendars, including year, month, week, and others at the top of the screen.

Searching for events or tasks

Tap , and then enter a keyword to search for.

To view today's events, tap **Today** at the top of the screen.

Deleting events

Tap → **Delete**, select events, and then tap **Delete**.

Sharing events or tasks

Select an event or task, tap → **Share via**, and then select a sharing method.

Dropbox

Use this application to save and share files with others via the Dropbox cloud storage. When you save files to Dropbox, your device automatically syncs with the web server and any other computers that have Dropbox installed and sync with the same Dropbox account.

Tap **Dropbox** on the Applications screen.

This application may not be available depending on the region or service provider.

When running Dropbox for the first time, tap **Start** to activate it. Follow the on-screen instructions to complete the setup.

Once Dropbox is activated, tap **Turn on Camera Upload** to upload photos and videos taken with the device's camera to Dropbox automatically. To view the uploaded photos or videos, tap . To share or delete files or create albums, tap , and then select files.

To upload files to Dropbox, tap → → **Upload here** → **Photos or videos** or **Other files**. To open files in Dropbox, select a file.

While viewing images or videos, tap to add it to the favourites list. To open files in the favourites list, tap .

Cloud

Use this feature to sync files or back up settings and application data with your Samsung account or Dropbox.

On the Applications screen, tap **Settings** → **General** → **Cloud**.

This feature may not be available depending on the region or service provider.

Syncing with the Samsung account

Tap your Samsung account or **Sync settings** to sync files.

Backing up or restoring data

Tap **Backup** or **Restore** to back up or restore data with your Samsung account.

Syncing with Dropbox

Tap **Link Dropbox account**, and then enter the Dropbox account. Follow the on-screen instructions to complete the setup.

Once you sign in, tap **Allow** and the device automatically syncs files with Dropbox whenever you make some changes.

Drive

Use this application to save and share files with others via the Google Drive service by selecting files from the device, or creating or scanning documents. When you save files to Google Drive, your device automatically syncs with the web server and any other computers that have Google Drive installed.

Tap **Google** → **Drive** on the Applications screen.

Uploading files

Tap **Upload**, select one of the files saved on the device, and then upload it to Google Drive. To create a new document, or scan an image or document and upload it, tap **Create** or **Scan**.

Viewing files

Select a file to open it or tap ⓘ and use one of the following icons:

- : Share the file with others.
- : Move the file to another folder.
- : Make the file available offline.
- : Access additional options.
- : Mark the file as important.

Hancom Viewer

Use this application to view documents in various formats, including spreadsheets and presentations.

Tap **Hancom Viewer** on the Applications screen.

Searching documents

Tap **Open** to browse a document.

While browsing a document, use one of the following options:

- : Create a folder.
- : Retrieve new documents.
- : Sort documents and folders.
- : Change the view mode.
- : Select documents or folders.

To search for recently-used documents, tap **Recent Documents**.

Reading documents

Tap a document in **Recent Documents** or in a folder.

Tap or , and then use one of the following functions:

Word processor

- **Find**: Search for text.
- **Zoom**: Change the view size.
- **Document Info**: View document details such as title, date, and author.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.
- **Send**: Send the document to others or share it.
- **Help**: View information about Hancom Viewer.

Presentation

- **Find**: Search for text.
- **Zoom**: Change the view size.
- **Document Info**: View document details such as title, date, and author.
- **Slide Show**: Start a slideshow from the first page.
- **From Current Slide**: Start a slideshow from the current page.
- **Show Presenter View**: Display presentation tools on the device when it is connected to an external monitor.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.
- **Send**: Send the document to others or share it.
- **Help**: View information about Hancom Viewer.

Spreadsheet

- **Find**: Search for text.
- **Zoom**: Change the view size.
- **Document Info**: View document details such as title, date, and author.
- **Sort**: Sort cells by specific criteria.
- **Show Formulas**: View formulas inside cells instead of their calculated results.
- **Freeze Panes**: Keep the selected row in place.
- **Gridlines**: Hide or show gridlines.
- **Show All Comments**: Hide or show memos on the document.
- **Print Area**: Select an area to print.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.
- **Send**: Send the document to others or share it.
- **Help**: View information about Hancom Viewer.

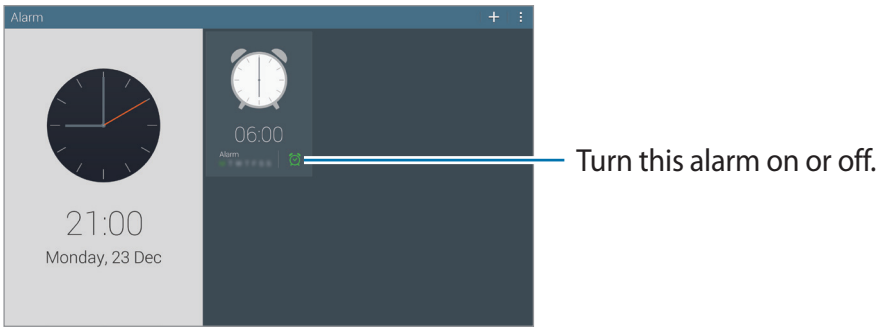
PDF

- **Search**: Search for text.
- **Send**: Send the document to others or share it.
- **Properties**: View document details such as title, date, and author.
- **Zoom**: Change the view size.
- **Hide comments**: Hide or show comments on the document.
- **Vertical page scrolling** / **Continuous view** / **Horizontal page scrolling**: Change the view mode.
- **Reading view**: View the document contents only, without margins.
- **Go to page**: Move to a specified page.
- **Bookmarks**: View bookmarks on the document.
- **Print**: Print the document by connecting the device to a printer. Some printers may not be compatible with the device.

Alarm

Use this application to set alarms for important events.

Tap **Samsung** → **Alarm** on the Applications screen.



Setting alarms

Tap , set a time for the alarm to go off, select days for the alarm to repeat, and then tap **Save**.

- **Location alarm**: Set a location. The alarm goes off only when you are in the location.
- **Snooze**: Set an interval and the number of times for the alarm to repeat after the preset time.
- **Smart alarm**: The alarm sound starts quietly a few minutes before the preset time and slowly increases in volume.

Stopping alarms

Drag outside the large circle to stop an alarm. Drag outside the large circle to "snooze" (repeat the alarm after a specified length of time).

Deleting alarms

Tap and hold the alarm, and then tap **Delete**.

World Clock

Use this application to check the time in many major cities in the world.

Tap **Samsung** → **World Clock** on the Applications screen.

Creating clocks

Tap , and then enter a city name or select a city from the cities list.

To apply daylight saving time, tap to tick a clock, and then tap → **DST settings**.

Deleting clocks

Tap → **Select**, tap to tick a clock, then **tap** tap .

Calculator

Use this application for simple or complex calculations.

Tap **Samsung** → **Calculator** on the Applications screen.

To clear the history, tap .

S Voice

Use this application to command the device by voice to perform various features.

Tap **Samsung** → **S Voice** on the Applications screen. Alternatively, press the Home button twice.

- This application may not be available depending on the region or service provider.
- This application is not supported in some languages.

Here are several examples of spoken commands:

- Open music
- Launch calculator
- Check schedule

Tips for better voice recognition

- Speak clearly.
- Speak in quiet places.
- Do not use offensive or slang words.
- Avoid speaking in dialectal accents.

The device may not recognize your commands or may perform unwanted commands depending on your surroundings or how you speak.

Waking up the device with voice

When the screen is turned off, you can launch S Voice with a voice command. Say "Hi Galaxy" to the device to launch S Voice.

To activate this feature, tap → **Settings**, and then tick **Wake up command**.

Using wake-up commands on the locked screen

On the locked screen, you can use various functions with preset wake-up commands.

To activate this feature, on the Applications screen, tap **Settings** → **Device** → **Lock screen**, and then drag the **Wake up in lock screen** switch to the right.

Google

Use this application to search the Internet as well as applications and their contents on the device.

Tap **Google** → **Google** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching the device

Tap the search field, and then enter a keyword. Alternatively, tap , and then speak a keyword.

Search scope

To select the applications to search, tap → **Settings** → **Tablet search**, and then tick the locations to search.

Google Now

Launch Google search to view Google Now cards that show the current weather, public transit info, your next appointment, and more when you are most likely to need it.

Join Google Now when opening Google search for the first time. To change Google Now settings, tap ⋮ → **Settings**, and then drag the **Google Now** switch to the left or right.

Voice Search

Use this application to search webpages by speaking.

Tap **Google** → **Voice Search** on the Applications screen.

This application may not be available depending on the region or service provider.

Speak a keyword or phrase when **Speak now** appears on the screen.

My Files

Use this application to access all kinds of files stored in the device, including images, videos, songs, and sound clips.

Tap **My Files** on the Applications screen.

Viewing files

Files stored in the device are sorted by criteria. From the left panel of the screen, select one of the following categories:

- **Timeline**: View files that are grouped by date.
- **Favourite folders**: View shortcuts to folders or FTP servers.
- **Folders**: View files stored in the internal memory or a memory card.
- **Categories**: View files sorted by their types.
- **Apps**: View files stored or created in specific applications.

Select a category, and then select a file or folder to open it.

After selecting a category, tap , and then use one of the following options:

- **Select**: Select files or folders.
- **Sort by**: Sort files or folders.
- **Add to Favourite folders**: Add a shortcut to the folder in **Favourite folders**.
- **Add FTP**: Add an FTP server shortcut in **Favourite folders**.
- **Scan for Nearby Devices**: Search for devices that have media sharing activated.
- **Display options**: Change the display options for files or folders.

Tap → **Select**, select a file or folder, and then use one of the following functions:

- **Share via**: Send files to others or share them.
- **Delete**: Delete files or folders.
- **Move**: Move files or folders to another folder.
- **Copy**: Copy files or folders to another folder.
- → **Rename**: Rename a file or folder.
- → **Add shortcut to home**: Add a shortcut to a file or folder to the Home screen.
- → **Zip**: Compress files or folders to create a zip file.
- → **Details**: View file or folder details.

Searching for a file

Tap , and then enter search criteria.

Viewing storage information

Tap to view memory information for your device and memory card.

Changing the view mode

Tap to change the view mode.

Creating folders

Tap , enter a name for the folder, and then tap **OK**.

Adding shortcuts to folders

Add a shortcut to frequently-used folders in **Favourite folders**. Select a folder and tap → **Add to Favourite folders**.

Adding FTP server shortcuts to the device

Add an FTP server shortcut in **Favourite folders**. Tap → **Add FTP**, enter details for the FTP server, and then tap **Done**.

Downloads

Use this application to see what files are downloaded through the applications.

Tap **Samsung** → **Downloads** on the Applications screen.

This application may not be available depending on the region or service provider.

Select a file to open it with an appropriate application.

To sort the files by title, tap → **By name**.

To sort the files by date, tap → **By date**.

To sort the files by size, tap → **By size**.

To clear the history, tap → **Clear list**.

KNOX

Use this application to separate personal and work data and to access enterprise applications securely from your device.

Tap **Samsung** → **KNOX** on the Applications screen.

To start **KNOX**, you need to download and install the application. Tap **Install** and follow the on-screen instructions.

- This application may not be available depending on the region or service provider.
- To secure your data, **KNOX** and associated data are deleted when the password is entered incorrectly several times.

WebEx

Use this application to schedule, host, and attend conferences and meetings. You can use various features such as content sharing and HD video meeting. To use this application, you must sign in to your WebEx account.

Tap **WebEx** on the Applications screen.

Travel & local

Maps

Use this application to pinpoint the location of the device, search for places, or get directions.

Tap **Maps** on the Applications screen.

This application may not be available depending on the region or service provider.

Searching for locations

Search for locations by entering an address or a keyword. Once the location is found, select a location to view the detailed information. Refer to the help for more information.

Getting directions for a destination

Tap to set starting and ending locations and select a travel method. The device shows the routes to get to the destination.

Troubleshooting

Before contacting a Samsung Service Centre, please attempt the following solutions. Some situations may not apply to your device.

When you turn on your device or while you are using the device, it prompts you to enter a code:

- Password: When the device lock feature is enabled, you must enter the password you set for the device.

Your device does not turn on

- When the battery is completely discharged, your device will not turn on. Charge the battery completely before turning on the device.

The touch screen responds slowly or improperly

- If you attach a protective cover or optional accessories to the touch screen, the touch screen may not function properly.
- If you are wearing gloves, if your hands are not clean while touching the touch screen, or if you tap the screen with sharp objects or your fingertips, the touch screen may malfunction.
- The touch screen may malfunction in humid conditions or when exposed to water.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, visit a Samsung Service Centre.

Your device freezes or has fatal errors

If your device freezes or hangs, you may need to close applications or restart the device to regain functionality. If your device is frozen and unresponsive, press and hold the Power button for more than 7 seconds to reboot.

If this does not solve the problem, perform a factory data reset. On the Applications screen, tap **Settings** → **General** → **Backup and reset** → **Factory data reset** → **Reset device** → **Erase everything**. Before performing the factory data reset, remember to make back-up copies of all important data stored on the device.

If the problem is still not resolved, contact a Samsung Service Centre.

Signals are being dropped

When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

Audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

The battery icon is empty

Your battery is low. Recharge the battery.

The battery does not charge properly (For Samsung-approved chargers)

- Ensure that the charger is connected properly.
- To have the battery replaced, visit a Samsung Service Centre.

The battery depletes faster than when first purchased

- When you expose the battery to very cold or very hot temperatures, the useful charge may be reduced.
- Battery consumption increases when you use messaging features or some applications, such as games or the Internet.
- The battery is consumable and the useful charge will get shorter over time.

Your device is hot to the touch

When you use applications that require more power or use applications on your device for an extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Error messages appear when launching the camera

Your device must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery.
- Free some memory by transferring files to a computer or deleting files from your device.
- Restart the device. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Photo quality is poorer than the preview

- The quality of your photos may vary, depending on the surroundings and the photography techniques you use.
- If you take photos in dark areas, at night, or indoors, image noise may occur or images may be out of focus.

Error messages appear when opening multimedia files

If you receive error messages or files do not play, when opening multimedia files on your device, try the following:

- Free some memory by transferring files to a computer or deleting files from your device.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM-protected, ensure that you have the appropriate licence or key to play the file.
- Ensure that your device supports the file type.

- Your device supports photos and videos captured with the device. Photos and videos captured by other devices may not work properly.
- Your device supports multimedia files that are authorized by your network service provider or providers of additional services. Some content circulated on the Internet, such as ringtones, videos, or wallpapers, may not work properly.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your device.
- Ensure that the Bluetooth wireless feature is activated on the device you wish to connect to.
- Ensure that your device and the other Bluetooth device are within the maximum Bluetooth range (10 m).

If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the device to a computer

- Ensure that the USB cable you are using is compatible with your device.
- Ensure that you have the proper driver installed and updated on your computer.
- If you are a Windows XP user, ensure that you have Windows XP Service Pack 3 or higher installed on your computer.
- Ensure that you have Samsung Kies or Windows Media Player 10 or higher installed on your computer.

Your device cannot find your current location

GPS signals may be obstructed in some locations, such as indoors. Set the device to use Wi-Fi or a mobile network to find your current location in these situations.

Data stored on the device has been lost

Always make backup copies of all important data stored on the device. Otherwise, you cannot restore data if it is corrupted or lost. Samsung is not responsible for the loss of data stored on the device.

A small gap appears around the outside of the device case

- This gap is a necessary manufacturing feature and some minor rocking or vibration of parts may occur.
- Over time, friction between parts may cause this gap to expand slightly.

Settings

About Settings

Use this application to configure the device, set application options, and add accounts.

Tap **Settings** on the Applications screen.

Connections

Wi-Fi

Activate the Wi-Fi feature to connect to a Wi-Fi network and access the Internet or other network devices.

To use options, tap ⋮.

- **Advanced**: Customize Wi-Fi settings.
- **WPS push button**: Connect to a secured Wi-Fi network with a WPS button.
- **WPS PIN entry**: Connect to a secured Wi-Fi network with a WPS PIN.
- **Help**: Access help information for Wi-Fi.

Setting Wi-Fi sleep policy

On the Settings screen, tap **Wi-Fi** → ⋮ → **Advanced** → **Keep Wi-Fi on during sleep**.

Setting Network notification

The device can detect open Wi-Fi networks and display an icon on the status bar to notify when available.

On the Settings screen, tap **Wi-Fi** → ⋮ → **Advanced** and tick **Network notification** to activate this feature.

Wi-Fi Direct

Wi-Fi Direct connects two devices directly via a Wi-Fi network without requiring an access point.

On the Settings screen, tap **Wi-Fi** → **Wi-Fi Direct**.

Bluetooth

Activate the Bluetooth feature to exchange information over short distances.

To use more options, tap ⋮.

- **Visibility timeout**: Set duration that the device is visible.
- **Received files**: View received files via the Bluetooth feature.
- **Help**: Access help information for Bluetooth.

Flight mode

This disables all wireless functions on your device. You can use only non-network services.

Data usage

Keep track of your data usage amount.

- **Data usage cycle**: Enter monthly reset date to monitor your data usage.

To use more options, tap ⋮.

- **Auto sync data**: Activate or deactivate auto-syncing of applications. You can select the information to sync for each account in **Settings** → **General** → **Accounts**.
- **Mobile hotspots**: Select Wi-Fi hotspots to prevent applications that are running in the background from using them.

Location

Change location settings and activate permissions to allow applications to use your location information.

- **Mode**: Select a method to collect your location data.
- **My places**: Set up profiles that will be used for specific locations when you use GPS, Wi-Fi, or Bluetooth features to find your current location.

More networks

Customize settings to control connections with other devices or networks.

Printing

View printing services installed on the device.

VPN

Set up and connect to virtual private networks (VPNs).

Ethernet

- **Ethernet**: Activate the Ethernet feature to connect to a local area network, the Internet, or other network devices.
- **Configure Ethernet device**: Configure network settings for Ethernet devices.

Nearby devices

- **Device name**: View the device name.
- **Shared contents**: Set the device to share your content with other devices.
- **Allowed devices list**: View the list of devices that can access your device.
- **Not-allowed devices list**: View the list of devices that are blocked from accessing your device.
- **Download to**: Select a memory location for saving media files.
- **Upload from other devices**: Set the device to accept uploads from other devices.

Screen Mirroring

Activate the screen mirroring feature and share your display with others.

Device

Sound

Change settings for various sounds on the device.

- **Volume**: Adjust the volume level for music and videos, system sounds, and notifications.
- **Vibration intensity:** Set the vibration intensity for Notification and Haptic feedback.
- **Default notification sound**: Select a ringtone for events, such as incoming messages.
- **Touch sounds**: Set the device to sound when selecting an application or option on the touch screen.
- **Screen lock sound**: Set the device to sound when locking or unlocking the touch screen.
- **Haptic feedback**: Set the device to vibrate when touching keys.
- **Email**: Change the settings for **Email**.
- **S planner**: Change the settings for **S Planner**.
- **Key-tap sound**: Set the device to sound when a key is touched.
- **Key-tap vibration**: Set the device to vibrate when a key is touched.
- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.
- **Adapt Sound**: Personalize the sound for the ear you use most while listening to music.

Display

Change the settings for the display.

- **Brightness**: Set the brightness of the display.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight when inactive.
- **Touch key light duration**: Set the duration for the touch button backlight.
- **Screen mode**:
  - **Adapt display**: Use this mode for optimizing the display according to the display settings.
  - **Dynamic**: Use this mode to make the display tone more vivid.
  - **Standard**: Use this mode for normal surroundings.
  - **Movie**: Use this mode for dim surroundings, such as in a dark room.

- **Reading mode**: In reading mode, the device helps protect your eyes when reading at night. Displays which applications will use reading mode.
- **Daydream**: Set the device to launch a screensaver when your device is connected to a desktop dock or charging.
- **Display battery percentage**: Set the device to display the percentage of remaining battery life in the notification bar.
- **Edit after screen capture**: Set the device to open the edit screen after capturing a screenshot.

Multi window

Activate the Multi Window feature to run two applications on the screen at the same time.

- **Open in multi window view**: Set the device to activate the Multi Window feature when you open files from **My Files** or **Video,** or attachments from emails or messages.

Lock screen

Change settings for the locked screen.

- **Screen lock**: Activate the screen lock feature. The following options may vary depending on the screen lock feature selected.
- **Clock widget options**: Configure settings for the clock widget.
  - **Clock size**: Change the size of the clock.
  - **Show date**: Set the device to show the date with the clock.
- **Shortcuts**: Set the device to show and edit application shortcuts on the locked screen.

This feature may not be available depending on the region or service provider.

- **Personal message**: Edit the personal message.
- **Owner information**: Enter your information that is shown with the clock.
- **Unlock effect**: Select an effect when you unlock the screen.
- **Wake up in lock screen**: Set the device to recognize your wake up command when the screen is locked.
- **Help text**: Set the device to show the help text on the locked screen.

Wallpaper

Change the wallpaper settings.

- **Home screen**: Select a background image for the Home screen.
- **Lock screen**: Select a background image for the locked screen.
- **Home and lock screens**: Select a background image for the Home screen and the locked screen.

Font

Change the settings for the font.

- **Font style**: Change the font type for display text.
- **Font size**: Change the font size.

Notification panel

Customize the items that appear on the notifications panel.

- **Brightness and volume**: Set the device to display the brightness and volume adjustment bar on the notifications panel.
- **Recommended apps**: Set the device to display a list of recommended applications on the notifications panel based on your actions, such as connecting a headset to the device.
- **Set the quick setting buttons**: Rearrange the quick setting buttons displayed on the notifications panel.

Accessibility

Accessibility services are special features for those with certain physical disabilities. Access and alert the following settings to improve accessibility to the device.

- **Auto rotate screen**: Set the interface to rotate automatically when you rotate the device.
- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight when inactive.
- **Speak passwords**: Set the device to use Talkback to read aloud passwords you enter.
- **Easy touch mode**: Set this to control notifications by tapping the button instead of dragging it.
- **Show shortcut**: Add a shortcut to **Accessibility** or **TalkBack** on the quick menu that appears when you press and hold the Power button.

- **Manage accessibility**: Export or import the accessibility settings to share them with other devices.
  - **Export**: Export the current accessibility settings as a file.
  - **Update**: Import the current accessibility settings as a file.
  - **Share via**: Share the accessibility settings file to others.
- **TalkBack**: Activate TalkBack, which provides voice feedback.
- **Font size**: Change the font size.
- **Magnification gestures**: Set the device to zoom in and out with finger gestures.
- **Negative colours**: Reverse the display colours to improve visibility.
- **Colour adjustment**: Adjust the colour scheme for the screen when the device determines that you are colour blind or having difficulty reading content.
- **Notification reminder:** Set the device to alert you when you have missed notifications and set an interval for repeating the alert.
- **Accessibility shortcut**: Set the device to activate TalkBack when you press and hold the Power button, and then tap and hold the screen with two fingers.
- **Text-to-speech options**:
  - **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
  - **Speech rate**: Select a speed for the text-to-speech feature.
  - **Listen to an example**: Listen to the spoken text for an example.
  - **Default language status**: View the status of the default language for the text-to-speech feature.
- **Sound balance**: Adjust the sound balance when using a stereo headset.
- **Mono audio**: Enable mono sound when listening to audio with one earphone.
- **Turn off all sounds**: Mute all device sounds.
- **Flash notification**: Set the flash to blink when you have incoming calls, new messages, or notifications.
- **Google subtitles (CC)**: Set the device to display closed captions on content supported by Google and to change the closed caption settings.
- **Samsung Subtitles (CC)**: Set the device to display closed captions on content supported by Samsung and to change the closed caption settings.
- **Assistant menu**: Set the device to show the assistive shortcut icon that access functions to improve device accessibility for users with reduced dexterity. Icon appears at the lower right side of all screens. You can also edit the menu on the shortcut icon.

- **Dominant hand**: Select the left or right hand for easy assistant menu use.
- **Edit**: Customize the items that appear on the assistant menu.

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- **Tap and hold delay**: Set the recognition time for tapping and holding the screen.
- **Interaction control**: Activate interaction control mode to restrict the reaction of the device for inputs in an application.

Blocking mode

Select which notifications will be blocked and how long to block them.

Controls

Language and input

Change the settings for text input. Some options may not be available depending on the selected language.

Language

Select a display language for all menus and applications.

Default

Select a default keyboard type for text input.

Samsung keyboard

To change the Samsung keyboard settings, tap ⚙.

The available options may vary depending on the region or service provider.

- **Select input languages**: Select languages for text input.
- **Predictive text**: Activate predictive text mode to predict words based on your input and show word suggestions. You can also customize the word prediction settings.
- **Auto replacement**: Set the device to correct misspelled and incomplete words by tapping the space bar or punctuation mark.
- **Auto capitalisation**: Set the device to automatically capitalize the first character after a final punctuation mark, such as a full stop, question mark, or exclamation mark.
- **Auto spacing**: Set the device to automatically insert a space between words.

- **Auto-punctuate**: Set the device to insert a full stop when you double-tap the space bar.
- **None**: Set the device to deactivate the keyboard swipe feature.
- **Continuous input**: Set the device to enter text by sweeping on the keyboard.
- **Cursor control**: Enable the smart keyboard navigation feature to move the cursor by scrolling the keyboard.
- **Sound**: Set the device to sound when a key is touched.
- **Vibration**: Set the device to vibrate when a key is touched.
- **Character preview**: Set the device to display a large image of each character tapped.
- **Help**: Access help information for using the Samsung keyboard.
- **Reset settings**: Reset Samsung keyboard settings.

Google voice typing

To change the voice input settings, tap ⚙.

- **Choose input languages**: Select input languages for text input.
- **Block offensive words**: Set the device to prevent the device from recognizing offensive words in voice inputs.
- **Offline speech recognition**: Download and install language data for offline voice input.

Voice search

- **Language**: Select a language for the voice recognition.
- **Speech output**: Set the device to provide voice feedback to alert you to the current action.
- **Block offensive words**: Hide offensive words from voice search results.
- **Offline speech recognition**: Download and install language data for offline voice input.
- **Bluetooth headset**: Set the device to allow a voice search with a Bluetooth headset, when one is connected to the device.

Text-to-speech options

- **Preferred TTS engine**: Select a speech synthesis engine. To change the settings for speech synthesis engines, tap ⚙.
- **Speech rate**: Select a speed for the text-to-speech feature.
- **Listen to an example**: Listen to the spoken text for an example.
- **Default language status**: View the status of the default language for the text-to-speech feature.

Mouseover

Show additional information when you move the pointer over items on the screen.

Pointer speed

Adjust the pointer speed for the mouse or trackpad connected to your device.

Voice control

Set the device to recognize voice commands for controlling your device. You can select the features to control with voice commands.

Motions

Activate the motion recognition feature and change the settings that control motion recognition on your device.

- **Zoom**: Set the device to zoom in or out while viewing images in **Gallery** or browsing webpages, when you tap and hold two points with your fingers and then tilt the device back and forth.
- **Browse an image**: Set the device to scroll through an image by moving the device in any direction when the image is zoomed in.

Palm motion

Activate the palm motion feature to control the device by touching the screen.

- **Capture screen**: Set the device to capture an image of the screen when you sweep your hand to the left or right across the screen.
- **Mute/Pause**: Set the device to pause media playback when you touch the screen with your palm.

Smart screen

- **Smart stay**: Set the device to prevent the display backlight from turning off while you are looking at the display.
- **Smart rotation**: Set the interface not to rotate according to the orientation of your face.
- **Smart pause**: Set the device to pause video playback when you look away from the screen.

General

Accounts

Add email or SNS accounts.

Cloud

Change settings for syncing data or files with your Samsung account or Dropbox cloud storage.

Backup and reset

Change the settings for managing settings and data.

- **Back up my data**: Set the device to back up settings and application data to the Google server.
- **Backup account**: Set up or edit your Google backup account.
- **Automatic restore**: Set the device to restore settings and application data when the applications are reinstalled on the device.
- **Factory data reset**: Reset settings to the factory default values and delete all data.

Date and time

Access and alter the following settings to control how the device displays the time and date.

If the battery remains fully discharged or removed from the device, the time and date is reset.

- **Set date**: Set the current date manually.
- **Set time**: Set the current time manually.
- **Select time zone**: Set the home time zone.
- **Use 24-hour format**: Display time in 24-hour format.
- **Select date format**: Select a date format.

Accessory

Change the accessory settings.

- **Dock sound**: Set the device to play a sound when your device is connected to or removed from a desktop dock.
- **Audio output mode**: Set the device to use the dock speaker when your device is connected to a desktop dock.
- **Audio output**: Select a sound output format to use when connecting your device to HDMI devices. Some devices may not support the surround sound setting.

Application manager

View and manage the applications on your device.

Default applications

- **Home**: Select a default Home screen mode.

Users

Set up and manage user profiles for personalized settings. Tap to add a new user.

Battery

View the amount of battery power consumed by your device.

Power saving mode

Activate power-saving mode and change the settings for power-saving mode.

- **CPU power saving**: Set the device to limit CPU performance.
- **Screen power saving**: Set the device to decrease the brightness of the display.
- **Turn off haptic feedback**: Set the device to turn off the vibration when touching keys.
- **Learn about Power saving**: Discover how to reduce battery consumption.

Storage

View memory information for your device and memory card, or format a memory card.

Formatting a memory card permanently deletes all data from it.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

Security

Change settings for securing the device and the SIM card.

- **Encrypt device**: Set a password to encrypt data saved on the device. You must enter the password each time you turn on the device.

Charge the battery before enabling this setting because it may take more than an hour to encrypt your data.

- **Encrypt external SD card**: Set the device to encrypt files on a memory card.

If you reset your device to the factory defaults with this setting enabled, the device will not be able to read your encrypted files. Disable this setting before resetting the device.

- **Remote controls**: Set the device to allow control of your lost or stolen device remotely via the Internet. To use this feature, you must sign in to your Samsung account.
  - **Account registration**: Add or view your Samsung account.
  - **Use wireless networks**: Set the device to allow location data collection or to determine the location of your lost or stolen device via Wi-Fi.
- **Go to the find my mobile webpage**: Access the Find my mobile website (*findmymobile.samsung.com*). You can track and control your lost or stolen device on the Find my mobile website.
- **Make passwords visible**: By default, the device hides passwords for security. Set the device to display passwords as they are entered.
- **Device administrators**: View device administrators installed on the device. You can allow device administrators to apply new policies to the device.
- **Unknown sources**: Choose to install applications from any source. If not enabled, applications can be downloaded only from **Play Store**.

Health and Safety

This safety information contains content for mobile devices. Some content may be not applicable to your device. To prevent injury to yourself and others or damage to your device, read the safety information about your device before using the device.

Warning: Failure to comply with safety warnings and regulations can cause serious injury or death.

Do not use damaged power cords or plugs, or loose electrical sockets

- Unsecured connections can cause electric shock or fire.

Do not touch the power cord with wet hands or disconnect the charger by pulling the cord

- Doing so may result in electrocution.

Do not bend or damage the power cord

- Doing so may cause electric shock or fire.

Do not use your device while it is charging or touch your device with wet hands

- Doing so may cause electric shock.

Do not short-circuit the charger or the device

- Doing so may cause electric shock or fire, or the battery may malfunction or explode.

Do not use your device outdoor during a thunderstorm

- Doing so may result in electric shock or device malfunction.

Use manufacturer-approved chargers, accessories, and supplies

- Using generic chargers may shorten the life of your device or cause the device to malfunction. They may also cause a fire or cause the battery to explode.
- Use only Samsung-approved charger specifically designed for your device. Incompatible battery and charger can cause serious injuries or damage to your device.
- Samsung cannot be responsible for the user's safety when using accessories or supplies that are not approved by Samsung.
- Do not drop or cause an impact to the charger or the device

Handle and dispose of the device and charger with care

- Never dispose of the device in a fire. Never place the device on or in heating devices, such as microwave ovens, stoves, or radiators. The device may explode when overheated. Follow all local regulations when disposing of used battery or device.
- Never crush or puncture the device.

- Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device and charger from damage

- Avoid exposing your device to very cold or very hot temperatures.
- Extreme temperatures can damage the device and reduce the charging capacity and life of your device and battery.
- Never use a damaged charger.

Do not store your device near or in heaters, microwaves, hot cooking equipment, or high pressure containers

- The battery may leak.
- Your device may overheat and cause a fire.

Do not use or store your device in areas with high concentrations of dust or airborne materials

- Dust or foreign materials can cause your device to malfunction and may result in fire or electric shock.

Do not bite or suck the device

- Doing so may damage the device or result in an explosion or fire.
- Children or animals can choke on small parts.
- If children use the device, make sure that they use the device properly.

Do not insert the device or supplied accessories into the eyes, ears, or mouth

- Doing so may cause suffocation or serious injuries.

Caution: Failure to comply with safety cautions and regulations can cause injury or property damage

Do not use your device near other electronic devices

- Most electronic devices use radio frequency signals. Your device may interfere with other electronic devices.

Do not use your device in a hospital, on an aircraft, or in an automotive equipment that can be interfered with by radio frequency

- Avoid using your device within a 15 cm range of a pacemaker, if possible, as your device can interfere with the pacemaker.
- To minimize possible interference with a pacemaker, use your device only on the side of your body that is opposite the pacemaker.
- If you use medical equipment, contact the equipment manufacturer before using your

device to determine whether or not the equipment will be affected by radio frequencies emitted by the device.

- On an aircraft, using electronic devices can interfere with the aircraft's electronic navigational instruments. Make sure the device is turned off during takeoff and landing. After takeoff, you can use the device in flight mode if allowed by aircraft personnel.
- Electronic devices in your car may malfunction, due to radio interference from your device. Contact the manufacturer for more information.

Do not expose the device to heavy smoke or fumes

- Doing so may damage the outside of the device or cause it to malfunction.

If you use a hearing aid, contact the manufacturer for information about radio interference

- The radio frequency emitted by your device may interfere with some hearing aids. Before using your device, contact the manufacturer to determine whether or not your hearing aid will be affected by radio frequencies emitted by the device.

Do not use your device near devices or apparatuses that emit radio frequencies, such as sound systems or radio towers

- Radio frequencies may cause your device to malfunction.
- Turn off the device in potentially explosive environments
- Turn off your device in potentially explosive environments instead of removing the battery.
- Always comply with regulations, instructions and signs in potentially explosive environments.
- Do not use your device at refuelling points (petrol stations), near fuels or chemicals, or in blasting areas.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

If you notice strange smells or sounds coming from your device or the battery, or if you see smoke or liquids leaking from the device or battery, stop using the device immediately and take it to a Samsung Service Centre

- Failure to do so may result in fire or explosion.

Comply with all safety warnings and regulations regarding mobile device usage while operating a vehicle

- While driving, safely operating the vehicle is your first responsibility. Never use your mobile device while driving, if it is prohibited by law. For your safety and the safety of others, use your common sense and remember the following tips:
- Position your device within easy reach. Make sure you can access your wireless device

without taking your eyes off the road.

- Suspend use in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice, and heavy traffic can be hazardous.
- Do not take notes or look up phone numbers. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility of driving safely.

Care for and use your mobile device properly

Keep your device dry

- Humidity and liquids may damage the parts or electronic circuits in your device.
- Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service centre.
- Liquids will change the colour of the label that indicates water damage inside the device. Water damage to your device can void your manufacturer's warranty.

Store your device only on flat surfaces

- If your device falls, it may be damaged.

Do not store your device in very hot or very cold areas. It is recommended to use your device at temperatures from 5 °C to 35 °C

- Do not store your device in very hot areas such as inside a car in the summertime. Doing so may cause the screen to malfunction, result in damage to the device, or cause the battery to explode.
- Do not expose your device to direct sunlight for extended periods of time (on the dashboard of a car, for example).
- Store the battery at temperatures from 0 °C to 45 °C.

Do not store your device with metal objects, such as coins, keys, and necklaces

- Your device may be scratched or may malfunction.

Do not store your device near magnetic fields

- Your device may malfunction or the battery may discharge from exposure to magnetic fields.
- Magnetic stripe cards, including credit cards, phone cards, passbooks, and boarding passes, may be damaged by magnetic fields.

Do not use your device or applications for a while if the device is overheated

- Prolonged exposure of your skin to an overheated device may cause low temperature

burn symptoms, such as red spots and pigmentation.

Use caution when exposed to flashing lights

- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing Flash-based games for extended periods. If you feel any discomfort, stop using the device immediately.
- If anyone related to you has experienced seizures or blackouts while using a similar device, consult a physician before using the device.
- If you feel discomfort, such as a muscle spasm, or disoriented, stop using the device immediately and consult a physician.
- To prevent eye strain, take frequent breaks while using the device.

Reduce the risk of repetitive motion injuries

When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop using the device and consult a physician.

Protect your hearing and ears when using a headset

- Excessive exposure to loud sounds can cause hearing damage.
- Exposure to loud sounds while walking may distract your attention and cause an accident.
- Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.
- In dry environments, static electricity can build up in the headset. Avoid using headsets in dry environments or touch a metal object to discharge static electricity before connecting a headset to the device.
- Do not use a headset while driving or riding. Doing so may distract your attention and cause an accident, or may be illegal depending on your region.

Use caution when using the device while walking or moving

- Always be aware of your surroundings to avoid injury to yourself or others.
- Make sure the headset cable does not become entangled in your arms or on nearby objects.

Do not carry your device in your back pockets or around your waist

- You could be injured or damage the device if you fall.

Do not paint or put stickers on your device

- Paint and stickers can clog moving parts and prevent proper operation.
- If you are allergic to paint or metal parts of the device, you may experience itching, eczema, or swelling of the skin. When this happens, stop using the device and consult your physician.

Do not use the device if the screen is cracked or broken

- Broken glass or acrylic could cause injury to your hands and face. Take the device to a Samsung Service Centre to have it repaired.

Install mobile devices and equipment with caution

- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.
- Avoid placing your device and accessories near or in an airbag deployment area. Improperly installed wireless equipment can cause serious injury when airbags inflate rapidly.

Do not drop your device or cause impacts to your device

- Your device may be damaged or may malfunction.
- If bent or deformed, your device may be damaged or parts may malfunction.

Ensure maximum battery and charger life

- Avoid charging your device for more than a week, as overcharging may shorten battery life.
- Over time, unused device will discharge and must be recharged before use.
- Disconnect the charger from power sources when not in use.
- Leaving batteries unused over time may reduce their lifespan and performance. It may also cause the batteries to malfunction or explode, or cause a fire.
- Follow all instructions in this manual to ensure the longest lifespan of your device and battery. Damages or poor performance caused by failure to follow warnings and instructions can void your manufacturer's warranty.
- Your device may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damages or deterioration caused by using unapproved accessories are not.

When using the device, mind the following

- Do not cover the antenna area with your hands or other objects. This may cause connectivity problems or drain the battery.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take your device to a Samsung Service Centre.

When cleaning your device, mind the following

- Wipe your device or charger with a towel or an eraser.
- Do not use chemicals or detergents. Doing so may discolour or corrode the outside the device or may result in electric shock or fire.

Do not use the device for anything other than its intended use

- Your device may malfunction.

Avoid disturbing others when using the device in public

Allow only qualified personnel to service your device

- Allowing unqualified personnel to service your device may result in damage to your device and will void your manufacturer's warranty.

Handle memory cards and cables with care

- When inserting a card or connecting a cable to your device, make sure that the card is inserted or the cable is connected to the proper side.
- Do not remove a card while the device is transferring or accessing information, as this could result in loss of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Do not touch gold-coloured contacts or terminals with your fingers or metal objects. If dirty, wipe the card with a soft cloth.
- Inserting a card or connecting a cable by force or improperly may result in damage to the multipurpose jack or other parts of the device.

Protect your personal data and prevent leakage or misuse of sensitive information

- While using your device, be sure to back up important data. Samsung is not responsible for the loss of any data.
- When disposing of your device, back up all data and then reset your device to prevent misuse of your personal information.
- Carefully read the permissions screen when downloading applications. Be particularly cautious with applications that have access to many functions or to a significant amount of your personal information.
- Check your accounts regularly for unapproved or suspicious use. If you find any sign of misuse of your personal information, contact your service provider to delete or change your account information.

- In the event your device is lost or stolen, change the passwords on your accounts to protect your personal information.
- Avoid using applications from unknown sources and lock your device with a pattern, password, or PIN.

Do not distribute copyright-protected material

- Do not distribute copyright-protected material without the permission of the content owners. Doing this may violate copyright laws. The manufacturer is not liable for any legal issues caused by the user's illegal use of copyrighted material.

Malware and viruses

To protect your device from malware and viruses, follow these usage tips. Failure to do so may result in damages or loss of data that may not be covered by the warranty service

- Do not download unknown applications.
- Do not visit untrusted websites.
- Delete suspicious messages or email from unknown senders.
- Set a password and change it regularly.
- Deactivate wireless features, such as Bluetooth, when not in use.
- If the device behaves abnormally, run an antivirus program to check for infection.
- Run an antivirus program on your device before you launch newly-downloaded applications and files.
- Install antivirus programs on your computer and run them regularly to check for infection.
- Do not edit registry settings or modify the device's operating system.

Correct disposal of this product

This product and its electronic accessories (e.g., charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

This device is compliant with RoHS.

Correct disposal of batteries in this product

The battery incorporated in this product is not user replaceable. For information on its replacement, please contact your service provider. Do not attempt to remove the battery or

dispose it in a fire. Do not disassemble, crush, or puncture the battery. If you intend to discard the product, the waste collection site will take the appropriate measures for the recycling and treatment of the product, including the battery.

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Acknowledging Special Precautions and Industry Canada Notice

Cautions

Any changes or modifications to your device not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if they cause damage or a defect to the device.

Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient/relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Warning: At very high volumes, prolonged listening to a headset can damage your hearing.

Specific Absorption Rates (SAR) for Wireless Devices

The SAR is a value that corresponds to the relative amount of RF energy absorbed by the user of a wireless device.

The SAR value of a device is the result of an extensive testing, measuring and calculation process. It does not represent how much RF the device emits. All devices are tested at their highest value in strict laboratory settings. But when in operation, the SAR of a device can be substantially less than the level reported to Industry Canada. This is because of a variety of factors including its proximity to a base station antenna, design and other factors. What is important to remember is that each device meets strict federal guidelines. Variations in SARs do not represent a variation in safety.

All devices must meet the federal standard, which incorporates a substantial margin of safety. As stated above, variations in SAR values between different model devices do not mean variations in safety. SAR values at or below the federal standard of 1.6 W/kg are considered safe for use by the public.

The highest reported SAR value for the SM-T520 is:

Body: 0.80 W/kg

This device has been tested and meets RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device 0mm from the body.

Owner's Record

The model number, regulatory number, and serial number are located on a nameplate inside the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your phone in the future.

Model: SM-T520

Serial No.:

Some content may differ from your device depending on the region, service provider, or software version, and is subject to change without prior notice.

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